

- Genetic Psychology*, 100:85-91, 1962. (Also acknowledges MH-900).
- AXELROD, S., and THOMPSON, L. W.: On visual changes of reversible figures and auditory changes in meaning. *American Journal of Psychology*, 75 (4):673-674, 1962. (Also acknowledges MH-900).
- BERRY, ROGER J., KNISELY, WILLIAM H., and GRUNT, JEROME A.: Approximation of "total vascular space" in seminal vesicles of rats, and changes in its distribution in response to castration and androgen. *Angiology*, 10(5):372-374, 1959.
- BOGDONOFF, MORTON D., and ESTES, E. HARVEY, JR.: Energy dynamics and acute states of arousal in man. *Psychosomatic Medicine*, 23(1):23-32, 1961.
- BOGDONOFF, M. D., ESTES, E. H., HARLAN, W. R., TROUT, D. L., and KIRSHNER, N.: Metabolic and cardiovascular changes during a state of acute central nervous system arousal. *Journal of Clinical Endocrinology and Metabolism*, 20:1333-1340, 1960.
- BOGDONOFF, M. D., ESTES, E. H., and TROUT, D.: Acute effects of psychologic stimuli upon plasma non-esterified fatty acid level. *Proceedings of the Society for Experimental Biology and Medicine*, 100:503-504, 1959.
- BOGDONOFF, M. D., ESTES, E. H., and WEISSLER, A. M.: Studies on fat mobilization during acute states of arousal. *Southern Medical Journal*, 53: 680-683, 1960.
- BOGDONOFF, M. D., LINHART, J. W., KLEIN, R. J., and ESTES, E. H.: The specific structure of compounds effecting fat mobilization in man. *Journal of Clinical Investigation*, 40:1993-1996, 1961.
- BOGDONOFF, M. D., and NICHOLS, C. R.: Perspectives of chronic illness. *Journal of the American Medical Association*, 174:1936-1938, 1960.
- BOGDONOFF, M. D., WEISSLER, A. M., and MERRITER, F. L.: The effect of autonomic ganglionic blockade upon serum free fatty acid levels in man. *Journal of Clinical Investigation*, 39:959-965, 1960.
- BORTZ, EDWARD L., BUSSE, E. WALD, ROBERTS, DEAN W., and SHANDS, ALFRED R., JR.: Growing older. The medical, mental, and social problems of the aged. *Delaware Medical Journal*, 32 (5):197-210, 1960.
- BUSSE, E. W.: Psychopathology. In: Birren, James E., ed. *Aging and the individual*. Chicago, University of Chicago Press, 1959, p. 364-399.
- BUSSE, E. W.: How to treat a hypochondriac. *Journal of Lifetime Living*, 24:52-54, 1959.
- BUSSE, E. W.: What is a realistic attitude in regard to research in aging. In: *Proceedings of the 1st International Conference of the Joint Council to Improve the Health Care of the Aged*. Washington, D.C., June, 1959, p. 36-40. (Also acknowledges MH-900).
- BUSSE, E. W.: On or off your rocker. *Southern Medical Journal*, 52:1575-1582, 1959.
- BUSSE, E. W.: Aging and personal relations. In: Shock, Nathan, ed. *Aging, some social and biological aspects*. Baltimore, Md., Horn-Shafer, 1960, p. 225-234. (Also acknowledges MH-900).
- BUSSE, E. W.: Clinical principles underlying administrative practices. *Mental Hospitals*, 11(2):17-19, 1960. (Also acknowledges MH-900).
- BUSSE, E. W.: The health and adjustment of the aged person. *North Carolina Medical Journal*, 21:504-508, 1960. (Also acknowledges MH-900).
- BUSSE, E. W.: Mental disorders of the aging. In: Johnson, W. M., ed. *The older patient*. New York, Paul B. Hoeber, 1960, p. 513-542. (Also acknowledges MH-900).
- BUSSE, E. W.: Current research on aging. *Public Health Reports*, 75:1119-1120, 1960. (Also acknowledges MH-900).
- BUSSE, E. W.: How to handle the elderly hypochondriac. *Medical Economics*, 38:104-108, 1961. (Also acknowledges MH-900).
- BUSSE, E. W.: Psychoneurotic reactions and defense mechanisms in the aged. In: Hocks, Paul, and Zubin, Joseph, eds. *Psychopathology of aging*. New York, Grune & Stratton, 1961, p. 274-284. (Also acknowledges MH-900).
- BUSSE, E. W.: Spotlight on research. *Rehabilitation Record*, 2(2):31-35, 1961. (Also acknowledges MH-900).
- BUSSE, E. W.: Some emotional complications of chronic disease. *Gerontologist*, 2:153-156, 1962. (Also acknowledges MH-900).
- BUSSE, E. W.: Findings from the Duke Geriatrics Research Project on the effects of aging upon the nervous system. In: Blumenthal, H. T., ed. *Medical and clinical aspects of aging*. New York, Columbia University Press, 1962, p. 115-124. Also in: Tibbits, Clark, and Donahue, Wilma, eds. *Social and psychological aspects of aging*. New York, Columbia University Press, 1962, p. 678-690. (Also acknowledges MH-900).
- BUSSE, E. W.: Identifying and meeting the emotional needs of the geriatric patient. In: *Proceedings, Workshop on improved care to ambulatory geriatric patients*. Williamsburg, Virginia, November 1962, p. 9-18. (Also acknowledges MH-900).
- BUSSE, E. W., and DOVENMUEHLE, R. H.: Neurotic symptoms and predisposition in aging people.

- Journal of the American Geriatric Society*, 8:328-336, 1960. (Also acknowledges MH-900).
- BUSSE, E. W., DOVENMUEHLE, R. H., and BROWN, R. G.: Psychoneurotic reactions of the aged. *Geriatrics*, 15:97-105, 1960. (Also acknowledges MH-900).
- BUSSE, E. W., FLEIDER, D. E., and BORTZ, E., eds.: Background paper on research in gerontology: Medical. Washington, D.C., U.S. Government Printing Office, 1960, 139 p. (Also acknowledges MH-900).
- BUSSE, E. W., JEFFERS, P. C., and OBRIST, W. D.: Factors in age awareness. In: *Proceedings of the 4th International Congress of Gerontology*, 3:349-357, 1957. (Also acknowledges MH-900).
- BUSSE, E. W., and RECKLESS, J. B.: Psychiatric management of the aged. *Journal of the American Medical Association*, 175:645-648, 1961. (Also acknowledges MH-900).
- COHEN, ALLAN I., SUMNER, ROBERT G., WHALEN, ROBERT E., BROWN, IVAN, and MCINTOSH, HENRY D.: Closed-chest cardiac massage. *Archives of Internal Medicine*, 110:57-62, 1962.
- DAVIDSON, E. A.: Periodate technique for the identification of sugar phosphates. *Nature*, 184:1395-1396, 1959.
- DAVIDSON, E. A.: Hexokinase from aspergillus parasiticus. *Journal of Biological Chemistry*, 235:23-25, 1960.
- DAVIDSON, E., and RILEY, J.: Chondroitin sulfate b. metabolism. *Biochimica et Biophysica Acta*, 42: 566-567, 1960.
- DEATON, H. L., ANLYAN, W. G., SILVER, DONALD, and FORT, LYNN: Factors influencing the prevention and treatment of thrombosis. *Surgical Forum*, 11:180-181, 1961.
- DOVENMUEHLE, R. H.: Health and aging. *Journal of Health and Human Behavior*, 1:273-277, 1960. (Also acknowledges MH-900).
- DOVENMUEHLE, R. H.: Aging vs. illness. In: *Proceedings of the 2nd National Conference of the Joint Council to Improve the Health Care of the Aged*. Chicago, 1961, p. 37-48. (Also acknowledges MH-900).
- DOVENMUEHLE, R. H.: Mental health in the aged. In: *Action for the aging. Proceedings of a Conference at the University of North Dakota*, September 4-7, 1962; p. 37-43.
- DOVENMUEHLE, R. H.: Geriatric psychiatry. *Law and Contemporary Problems*, 27:133-141, 1962.
- DOVENMUEHLE, R. H.: Hospitalization of the elderly psychiatrically ill. In: Williams, R. H., Tibbitts, C., and Donahue, W., eds. *Processes of aging*. New York, Prentice-Hall, 1963, p. 247-268. (Also acknowledges MH-900).
- DOVENMUEHLE, R. H., BUSSE, E. W., and NEWMAN, E. G.: Physical problems of older people. *Journal of the American Gerontology Society*, 9: 208-217, 1961. (Also acknowledges MH-900).
- DOVENMUEHLE, R. H., BUSSE, E. W., and NEWMAN, E. G.: Psychiatric problems of the non-institutionalized elderly: Some observations on methodological approach. In: *Transactions of 7th Annual Conference, VA Cooperative Chemotherapy Studies in Psychiatry and Broad Research Approaches to Mental Illness*, Cincinnati, Ohio, March 26-28, 1962. (Also acknowledges MH-900).
- DOVENMUEHLE, R. H., NEWMAN, E. G., and BUSSE, E. W.: Physical problems of psychiatrically hospitalized elderly persons. *Journal of the American Geriatrics Society*, 8:838-846, 1960. (Also acknowledges MH-900).
- DOVENMUEHLE, R. H., RECKLESS, J. B., and NEWMAN, E. G.: Depressive reactions in the elderly. In: Blumenthal, H. T., ed. *Medical and clinical aspects of aging*. New York, Columbia University Press, 1962, p. 63. (Also acknowledges MH-900).
- DOVENMUEHLE, R. H., and VERWOERDT, A.: Physical illness and depressive symptomatology: Incidence of depressive symptoms in hospitalized cardiac patients. *Journal of the American Geriatrics Society*, 10:932-947, 1962. (Also acknowledges MH-900).
- DOVENMUEHLE, R. H., and VERWOERDT, A.: Physical illness and depressive symptomatology: Factors of length and severity of illness and frequency of hospitalization. *Journal of Gerontology*, 18:260-266, 1963. (Also acknowledges MH-900).
- EISDORFER, C.: Audition in the aged. In: Busse, E. W., Fleider, D. K., and Bortz, E., eds. *Background paper on research in gerontology: Medical*. (White House Conference on Aging Disorders). Washington, D.C., U.S. Government Printing Office, 1960, p. 102-109.
- EISDORFER, C.: Rorschach rigidity and sensory decrement in a senescent population. *Journal of Gerontology*, 15:188-190, 1960. (Also acknowledges MH-900).
- EISDORFER, C.: Developmental level and sensory impairment in the aged. *Journal of Projective Techniques*, 24:129-132, 1960. (Also acknowledges MH-900).
- EISDORFER, C.: Changes in cognitive functioning in relation to intellectual level in senescence. In: Tibbitts, C., and Donahue, W., eds. *Social and psychological aspects of aging*. New York, Columbia University Press, 1962, p. 888-896. (Also acknowledges MH-900).
- EISDORFER, CARL: The WAIS performance of the aged: A retest evaluation. *Journal of Gerontology*, 18(2):169-172, 1963.

**Public Health Service Publication No. 1647**

---

For sale by the Superintendent of Documents, U.S. Government Printing Office  
Washington, D.C., 20402 - Price \$3.75

# TABLE OF CONTENTS

	<i>Page</i>
Introduction .....	1
Explanatory Notes .....	2
Questionnaire Form Submitted to All Principal Investigators Receiving Grant Awards From the National Institute of Mental Health, 1947-1961 .....	5
Principal Investigators and Co-Investigators of Listed Projects, by Grant Number	11
Publications Resulting from National Institute of Mental Health Research Grants, 1947-1961 .....	23

3





# INTRODUCTION

In 1946 the Congress enacted the National Mental Health Act, providing for a comprehensive and integrated attack upon mental illness. To carry out the provisions of the Act, the National Institute of Mental Health has developed over the years a broad program of mental health research, training, community services, and public education. Research, one of the principal activities of the Institute, is carried on in the Institute's own facilities and is also supported by grants awarded each year to hundreds of independent investigators working in universities, medical schools, and other non-federal research centers. The present listing of publications is concerned with the latter, extramural, research programs supported by the National Institute of Mental Health.

One basic criterion of productivity of a research grant program is publication of research results. The Public Health Service has long required that copies of publications resulting from research supported by grant funds be sent to it. It seemed to us desirable to check into the extent of response to this requirement as it affected the National Institute of Mental Health, and Dr. Marcus S. Goldstein of this Branch was assigned to this task in late 1963. A check of grant files revealed that in many instances there was no available record of published results. Furthermore, there appeared to be no way of knowing how accurate or complete the available records were, except by specifically asking the grantees. A publications questionnaire (Appendix 1), therefore, was designed and sent in 1964 to all principal investigators receiving grant support from the National Institute of Mental Health since inception of the grant program in 1947, to and including 1961; the latter "cut-off" date was taken since a couple of years must usually be allowed between the start of a project and expectation of published results.

**The Survey.**—The publications questionnaire was sent to principal investigators representing 2,429 separate projects supported by research grants from the National Institute of Mental Health during or prior to 1961.<sup>1</sup> Of this total number, 96 percent responded; the non-respondents included deceased

individuals and a number whose address had changed and could not be located. All National Institute of Mental Health research grant files were checked with respect to publications received, and thus some information on publications was obtained even for individuals who did not respond.

A total of 12,323 publications were listed by 1,908 of the principal investigators; 37 percent of these publications had not been submitted to the Institute before the survey.<sup>2</sup> Of the total number of projects, some 22 percent reported no publications, but an analysis of this group showed that more than half (55 percent) referred to "small grant" projects which are limited in duration (one year) and in amount (formerly under \$2,500; at present \$3,500), and are primarily awarded for exploratory research. In fact, the principal investigators of "small grant" projects in many instances noted on their returned survey forms that the grant was used for preliminary or exploratory work on a problem to ascertain its research potential. Moreover, 145 or 28 percent of the non-publication projects had presented one or more formal papers at a scientific meeting or had one or more manuscripts "in press" at the time of the survey. Thus the proportion of projects without any research communication stemming from their National Institute of Mental Health grant support was reduced to about 16 percent of the total number. Many of the latter commented that their results were "inconclusive" or "negative" and hence had not been prepared for publication; in some instances also the project terminated prematurely because of illness or death of the principal investigator.

Included in the volume, in addition to the listing of publications under each grant, are the principal investigators and co-investigators associated with each project; the title of each project; the sponsoring institution of the project and its location; and the duration of the project. This latter information is provided primarily for administrative use, although it may well prove helpful to anyone wishing to communicate with an investigator or institution about a listed project or publication. The excellent response of the grantees to the publications survey,

<sup>1</sup> The deadline of 1961 does not refer to published matter. Papers and/or books published as late as 1966 are listed, since publication of research results may appear several years after termination of grant support. Too, projects that began during this period (1947-1961) may have continued to receive grant support until the present time.

<sup>2</sup> Actually a total of 10,638 were listed in the returned questionnaires by 1,883 of the respondents. Subsequently, as of June 1966, an additional 1,713 publications by the aforementioned grantees, plus 23 who had reported no publication in their questionnaire, came to our attention and are included in the listing.

tions based on research supported in part by grant funds from the National Institute of Mental Health, undoubtedly will contribute to a better appraisal of the productivity of the Institute's diverse grant programs. The volume is also presented with the hope that it may be of interest and use to members of the medical and scientific communities, particularly those involved in the broad field of mental health.

Thanks are due to all the grantees who took the time and trouble to complete and return the pub-

will be as useful to them as to others. Marcus L. Goldstein, Ph. D., both planned and carried out the survey, and prepared and edited the listing for publication, with the assistance of various staff members of the former Research Grants Branch of the National Institute of Mental Health.

Philip Sapir, Chief  
Behavioral Sciences Research Branch  
National Institute of Mental Health

## EXPLANATORY NOTES

**Grant Number**—A grant number preceded by MH refers to an award by the National Institute of Mental Health (NIMH).

**Type of Grant**—For administrative convenience, grants are divided into several types. In the present instance, these include the following:

R01—Regular or traditional research project—The standard type of research support for a clearly defined research project or group of closely related research activities.

R03—Small research project—A research grant limited to one year and a maximum of \$3,500 in direct costs, intended especially for small-scale pilot and exploratory studies.

R04—Anthropology fellowship research support—A research grant in support of the field costs of an NIMH anthropology research fellow.

R06—Translation project—A research grant in support of the translation of publications on or relevant to research.

R08—Research career award corollary—A research grant to provide limited funds for the research costs of recipients of research career and research career development awards. (Since 1963 these grants have been included in the regular (R01) research project grant program.)

R10—Special psychopharmacology—A research grant designed to meet special needs of the psychopharmacology program, either collaborative in nature or closely monitored by the NIMH staff.

R12—Special mental health—A research grant in support of research activities in which the NIMH has a direct and immediate interest, with close liaison maintained by the NIMH staff.

R17—Mental health career investigator—A research grant designed to assist in the development of research careers in psychiatry and related fields by providing recipients with a stipend and limited research funds over a 3 to 5-year period for a combined program of research and advanced research training. (This grant program was replaced in 1962 by the research career development award and the research career award corollary grant.)

P01—Research program-project—A research grant to provide large-scale, long-term support for a broad program of research, usually interdisciplinary in nature and consisting of several projects with a common focus.

**Principal and Co-Investigators**—The first name listed is the current or most recent principal investigator of the project; all other names (most recent co-investigator, previous principal investigators and previous co-investigators) are listed in alphabetical order. Other researchers than those listed may have been, of course, associated with any particular research project, albeit not listed on the grant application as co-investigator. A name of an investigator in parentheses refers to the maiden name under which the project was initiated.

**Duration of Project**—The beginning date (year) and completion year are given on the first line of each project, e.g., 1959–1961, roughly 3 years. A project beginning and ending the same year is so

indicated, i.e., 1959-1959. A project that began during or prior to 1961, and was still active as of June 1966, will show the beginning date only, thus: 1959- .

***Continuation of Research Projects Under Different Grant Numbers***—Not infrequently a principal investigator doing research with the support of an NIMH grant may transfer to another institution. He may apply for, and receive, continued grant support for the same project in his new locale, if there is no objection from the original sponsoring institu-

tion. In these circumstances, the research project becomes a new one for administrative purposes, and a new grant number is assigned by the NIMH. Such "continued" projects, with publications resulting from the research, have been cross-referenced in the listing, directly under the Grant Number.

***Acknowledgement of Grant Support***—In many cases a grantee cites different NIMH grants as sources of research support. Such publications have been listed under the separate grant numbers cited, with a cross-reference notation under the listed item.



**Questionnaire Form Submitted to All Principal Investigators Receiving Grant Awards  
From the National Institute of Mental Health, 1947-1961**

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE NATIONAL INSTITUTES OF HEALTH National Institute of Mental Health Bethesda, Maryland 20014  REPORT OF PUBLICATIONS RESULTING FROM RESEARCH SUPPORTED BY NIMH GRANTS	RESEARCH GRANT NO.	PROJECT PERIOD
	PROJECT TITLE	
	PRINCIPAL INVESTIGATOR	
	SPONSORING INSTITUTION	

## 1. PUBLISHED MATERIAL

Please list below all publications (books, monographs, chapters, scientific papers, popular articles, etc.) resulting from the project supported by the above grant. The listing should include author (s), title, journal or publisher, volume of journal, page numbers, and date, in this order. If necessary, continue the listing on an additional sheet.

NOTE: If copies have not been submitted to date, please submit 10 copies of each reprint and 3 copies of each book or monograph.

NIH-49 (Rev. 1-64)

## 2. PAPERS AND/OR BOOKS ACCEPTED FOR PUBLICATION

Please list below any papers and/or books not yet published but accepted for publication, resulting from the project supported by the research grant number on page one. The listing should include author(s), title, journal or publisher, and approximate date of publication.

---

---

NOTE: Ten copies of each reprint should be submitted as soon as these become available; 5 copies of each book or monograph should be submitted as soon as available following publication.

---

NIH-49 (Rev. 1-64)



---

### 3. PAPERS NOT PUBLISHED BUT PRESENTED AT SCIENTIFIC MEETINGS

Please list below any papers not already listed, which have been presented at scientific meetings, resulting from the project supported by the research grant number on page one. The listing should include author(s), title, meeting at which presented, and date.

---

---

NOTE: If duplicated copies are available and have not yet been submitted to us, please submit 3 copies.

NIH-49 (Rev. 1-64)

Page 3

4. NO PUBLICATION TO DATE

If no publication to date has resulted from the project supported by the research grant number on page one, please indicate whether any are contemplated in the near future:

☐ Yes

☐ No

Comments:

5. TERMINAL PROGRESS REPORTS  
(For completed or terminated grants only)

Public Health Service regulations require that a terminal progress report be submitted within 90 days following termination of grant support, unless an extension of time has been granted. Please indicate whether a terminal progress report has been submitted:

☐ Yes

☐ No

Has a publication been submitted in lieu of a terminal progress report?

☐ Yes

☐ No

If YES, please identify publication below:

DATE:

SIGNATURE:



**Principal Investigators and Co-Investigators of Listed Projects, by Grant Number**

# A

Aarons, Louis 2137  
 Abegglen, James 543  
 Abelson, Robert P. 1020, 4682  
 Aberle, David F. 463, 513, 2135  
 Abood, Leo G. 1370, 2302, 3878  
 Abramson, Arthur S. 2562  
 Abse, David W. 1870, 4406  
 Aceto, Mario D. 4511  
 Ackerman, Marshall 3708  
 Acosta, Phyllis B. 2323  
 Adams, Donald K. 4453  
 Adams, Joe K. 2297  
 Adams, Pauline A. 2297  
 Adams, Raymond D. 767  
 Adelson, Dahiel 2165  
 Ader, Robert 3655  
 Ades, Harlow W. 359  
 Adey, William R. 3708, 4336, 5163  
 Adler, Martin W. 5173  
 Affleck, D. Craig 5993  
 Agnew, John 3612  
 Aguiar, Manuel A. Torres 1750  
 Ahrenfeldt, Robert H. 4998  
 Ainsworth, Leonard H. 2713  
 Ainsworth, Mary D. 2713, 4644  
 Albee, George W. 2769, 5186  
 Aldrich, C. Anderson 180  
 Alexander, Franz 22, 23  
 Alexander, Irving E. 1334, 1936  
 Alland, Alexander 5512  
 Allinsmith, Wesley 5310  
 Allison, Roger B. 4524  
 Alpert, Murray 2716, 4664  
 Altman, Margaret 2599  
 Altshuler, Kenneth Z. 5333  
 Ames, Adelbert, III 1230, 6011, 6209  
 Anderson, John E. 690, 897, 985  
 Anderson, Milton H. 2244  
 Anderson, Norman H. 3502  
 Andres, Francis D. 4663  
 Andrew, Richard J. 5137  
 Andrews, T. G. 1604  
 Angermeier, Wilhelm F. 5056  
 Anliker, James 987  
 Applebaum, Stanley 2443  
 Aprison, Morris H. 3225  
 Archibald, H. David 9164  
 Arens, Richard 5009  
 Arensberg, Conrad M. 4184  
 Argyris, Chris 9128  
 Arkoff, Abe 1529  
 Aronson, Lester R. 5285  
 Armstrong, Marvin D. 655, 1165, 2278  
 Armus, Harvard L. 4702  
 Aronson, Elliot 4387  
 Asekoff, Myer 710, 1690  
 Atkinson, Richard C. 5184  
 Aubert, Vilhelm 4547  
 Auerbach, Victor H. 2673  
 Ax, Albert F. 2950  
 Ayllon, Teodoro 4926  
 Azima, Hassan 1794  
 Azrin, Nathan 4925, 4926

# B

Babb, Harold 4381, 5313  
 Back, Kurt W. 5356

Backman, Carl W. 1927, 3620  
 Bacon, Margaret K. 2681  
 Bacon, Seldon D. 5655, 9029  
 Badal, Daniel W. 2127, 2733  
 Baer, Donald M. 2208  
 Bahnsen, Claus 1223  
 Bain, James A. 2072  
 Baker, George W. 1666  
 Baker, Robert W. 734, 5247  
 Balaban, Martin 5643  
 Baldridge, Robert C. 2890  
 Baldwin, Alfred L. 901  
 Bales, Robert F. 1577, 4169  
 Ball, Rachel Stutsman 2054  
 Ban, Thomas A. 5202  
 Bandler, Bernard 373  
 Bandura, Albert 895, 1349, 1734, 4398, 5162  
 Banks, Edwin M. 3203  
 Barber, Theodore X. 3253, 4825  
 Barclay, Allan G. 5782  
 Bare, John K. 1329, 2959  
 Barker, Roger G. 6, 989, 1513  
 Barlow, George 4440  
 Barmack, Joseph E. 5065  
 Barratt, Ernest S. 4534  
 Barrett-Lennard, Godfrey T. 3710  
 Barry, Herbert, III. 2949  
 Barsch, Ray 3570  
 Bartlett, Roscoe G. 656, 986  
 Bartoshuk, Alexander 4927  
 Bascom, William R. 4322  
 Basehart, Harry W. 3088  
 Basowitz, Harold 2528  
 Baughman, Emmett E. 1027, 4319, 4944  
 Bay, Emmet B. 1057  
 Bayton, James A. 9134  
 Beach, Frank A. 783, 943, 2856, 4000  
 Beard, Belle B. 1919  
 Beatty, C. H. 2263  
 Bebin, Jose 2474  
 Bechtoldt, Harold P. 1922  
 Beck, Aaron T. 3358  
 Beck, Edward C. 3165  
 Beck, Lester F. 9066  
 Beck, Robert C. 4050  
 Beck, Samuel J. 63, 64, 597  
 Becker, Gordon M. 2348, 3843  
 Becker, Joseph 5920  
 Becker, Robert 2756  
 Becker, Wesley C. 1713, 4881  
 Beckett, Peter G. 2950, 5668  
 Beckwith, William Clinton 2570  
 Beecher, Henry K. 987, 2971  
 Beier, Ernst G. 1926  
 Beierwalters, William H. 2399  
 Belknap, George Myron 5009  
 Bell, Graham C. 4520  
 Bellak, Leopold 50, 3133  
 Beller, E. Kuno 849  
 Benda, Clemens E. 2036  
 Bender, Lauretta 171  
 Bender, Morris B. 139, 2261  
 Benedek, Therese 22  
 Benington, Frederick 1588, 7842  
 Bennett, Edward L. 1292  
 Bergen, John R. 2967, 4953  
 Berger, Andrew 3503  
 Berger, Peter L. 4821  
 Berkeley, Austin W. 3527  
 Berkowitz, Leonard 1540  
 Berlyne, Daniel E. 4495, 6324  
 Berman, A. J. 2939  
 Bernstein, Lewis 1796, 3269  
 Berry, Helen K. 1175  
 Berry, Richard N. 4987  
 Berryman, Robert 3673  
 Bessman, Samuel P. 3644  
 Besteman, Korst J. 4014  
 Bettelheim, Bruno 81, 476  
 Biber, Barbara 215, 1075, 9135  
 Bibring, Grete L. 1393  
 Bidder, Thomas G. 3364  
 Bierber, Irving 2125  
 Biel, John 2302  
 Bieri, James 1274, 1976, 3611  
 Bigman, Stanley 9037  
 Bijou, Sidney W. 2208, 2232  
 Binder, Arnold 1259, 2170  
 Bindra, Dalbir 3238  
 Bitterman, Morton E. 2857, 5402  
 Bixby, Emily M. 5010, 6831  
 Bixenstine, V. Edwin 3291  
 Black, Abraham H. 2741  
 Blain, Daniel 1452, 1874  
 Blake, Lillian 4241  
 Blake, Robert R. 2447  
 Blankenship, L. Vaughn 5108  
 Blau, Abram 2488  
 Bliss, Eugene L. 2530, 4231  
 Block, Jack 1078  
 Block, James D. 2306, 6010  
 Block, Jeanne H. 2521  
 Block, Walter D. 2434  
 Block, William E. 5118  
 Blocksma, Douglas 919  
 Blom, Gaston E. 937  
 Bloom, Bernard L. 1529  
 Bloom, Samuel W. 3360  
 Blough, Donald S. 2456  
 Blum, Arthur 1762  
 Blum, Gerald S. 659, 1286  
 Blumberg, Arnold G. 1536, 2938  
 Board, Francis 997  
 Bockoven, J. Sanbourne 4818  
 Bodarky, Clifford J. 9175  
 Boder, David P. 156, 582  
 Boehm, Leonore 2585  
 Bogdonoff, Morton B. 5356  
 Bogoch, Samuel 1330, 1419, 2095, 5704  
 Bohr, Vernon C. 656  
 Bolles, Robert C. 2798  
 Bomberg, Dorothy 2032  
 Bonk, William J. 4077  
 Bonnycastle, Desmond D. 1988, 2030  
 Book, Jan A. 5150  
 Bordin, Edward S. 516, 5029  
 Borgatta, Edgar F. 5591  
 Borges, Wayne H. 4587  
 Boroff, Daniel A. 1903  
 Borofsky, Leatrice 2890  
 Bose, Ajay K. 3930  
 Boston, John A., Jr. 1377  
 Bourne, Lyle E., Jr. 1759  
 Bower, Gordon H. 3849  
 Bower, Robert T. 1080  
 Bowerman, Charles E. 2045  
 Bowles, Gordon Townsend 4055

Bowman, Karl M. 37  
 Bowman, Paul H. 1319  
 Bowman, Peter W. 2729  
 Boyd, Eugene 4230  
 Boyer, L. Bryce 2013, 3088  
 Braceland, Francis J. 4675  
 Brackbill, Yvonne 5994  
 Bracken, Mark M. 1425  
 Bradley, Philip B. 4692  
 Bradway, Katherine P. 1273  
 Brady, Joseph V. 1604  
 Braine, Martin D. 5116  
 Branch, C. Hardin 451, 1165, 9084  
 Brand, Howard 814  
 Braun, Harry W. 1290, 1365  
 Brazier, Mary A. B. 4336  
 Brebbia, Robert D. 5333  
 Breg, W. Roy 4386, 4872  
 Breitner, Carl 3383  
 Brennan, Margaret 31, 163  
 Brenner, Bernard 4041  
 Breslow, Lester 3400  
 Brey, W. Roy 4386  
 Bridger, Wagner H. 2249  
 Brightbill, Roger 4530  
 Brill, Henry 5664  
 Brill, Norman Q. 1103, 2923, 3968, 7293  
 Broadhurst, P. L. 5263  
 Brochmann-Hanssen, Einar 3487  
 Broderick, Carl Fred B. 1977  
 Brody, Arthur L. 3342  
 Brody, Nathan 5697  
 Bronfenbrenner, Uri 403, 1738, 4017  
 Bronson, Frank H. 4481  
 Brooks, George W. 1690, 1752, 3006  
 Brown, Barbara B. 2855  
 Brown, Donald R. 4532  
 Brown, Fountaine C. 3587  
 Brown, Fred 2488  
 Brown, James S. 3912  
 Brown, Judson S. 142, 1798, 4952, 6900  
 Brown, Raymond R. 3699  
 Brown, Roger W. 1366, 2649  
 Bruch, Hilde 5914  
 Bruch, Jan H. 2625  
 Bruner, Jerome S. 1324, 2269, 5120  
 Brunner, Edward M. 2177  
 Brunjes, Shannon 5470  
 Brush, F. Robert 2191, 3337  
 Brzezinski, Aharon 3498  
 Buchwald, Alexander M. 5283  
 Buchwald, Nathaniel A. 3491, 4850  
 Buckley, Joseph P. 3029, 4511  
 Buday, Paul V. 4435  
 Buddington, Ralph Wells 3701  
 Budoff, Milton 4201  
 Buendia, Nicolas 5183  
 Bueding, Ernest 1725  
 Buerkle, Jack V. 1712  
 Bugelski, B. Richard 3489  
 Bukantz, Samuel C. 3269  
 Bullard, Dexter 9111  
 Bulle, Peter H. 3562  
 Bullock, Donald H. 1464  
 Bullowa, Margaret 4300  
 Bunch, Marion E. 362  
 Burch, Neil R. 1904, 3360  
 Burchinal, Lee G. 3401  
 Burdock, Eugene I. 3546  
 Burgess, Ernest W. 2159  
 Burgin, Leo B. 819  
 Burke, Cletus J. 3939  
 Burke, Joseph A. 3235  
 Burns, Robert K. 1057  
 Burrell, Craig D. 4958  
 Burton, Robert M. 2338

Bush, Robert R. 2293  
 Busnel, Rene G. 2754  
 Buss, Arnold H. 2655, 2861  
 Busse, Ewald W. 900, 2109  
 Butler, Alfred J. 2121  
 Butler, Alan M. 66  
 Butler, Donald C. 4840  
 Butler, John M. 4609  
 Butler, Thomas C. 393

## C

Cadman, William H. 425  
 Callaway, Enoch 863  
 Calvin, Allen D. 3854  
 Cameron, D. Ewen 4324  
 Campbell, Byron A. 1562  
 Campbell, Donald T. 1544  
 Campbell, Ernest Q. 1294, 4302  
 Campbell, Sam L. 3332  
 Campden-Main, Brian C. 3142  
 Candland, Douglas K. 5698  
 Cannon, Joseph G. 2799  
 Caplan, Gerald 973, 3442, 9137  
 Carlson, Eric T. 2146  
 Carlson, Helen B. 1969, 3437  
 Carlson, Nils J. 3364, 5439  
 Carpenter, John A. 4207, 6953  
 Carr, William J. 4729  
 Carter, William Earl 4055  
 Carver, Michael J. 1496, 2204, 2587, 5336  
 Castaneda, Alfred 4240  
 Castore, George F. 622  
 Cath, Stanley H. 1627  
 Cattell, Raymond B. 80, 1733  
 Cavanaugh, David K. 2173  
 Celian, Charles L. 4671  
 Centerwall, Willard R. 2323  
 Cerny, Laurence C. 5622  
 Chambers, Randall M. 1775  
 Chambers, William W. 2028  
 Chance, Erika 830, 1233, 2224  
 Chance, Norman A. 2555, 5918  
 Chancellor, Loren E. 3401  
 Chandler, Kenneth A. 4725  
 Chanley, Jacob D. 4824  
 Chansky, Norman M. 5176  
 Chapman, John E. 1902  
 Chapman, Loren J. 1416, 3481, 7306  
 Chapman, William P. 595  
 Chein, Isidor 9048, 9150, 9171  
 Chernin, Milton 2166  
 Cherrick, Gilbert R. 5541  
 Child, Irvin L. 808, 1758, 2681  
 Childers, Harold E. 1904  
 Chinnock, Robert F. 2323  
 Chittick, Rupert A. 1752  
 Chow, Bacon 1350  
 Christenson, Cornelia V. 1633  
 Christensen, Jens A. 1383  
 Christian, John E. 2405  
 Church, Russell N. 1812, 2903  
 Cisin, Ira 9158  
 Clark, Fogle C. 2244, 4335  
 Clark, George 210  
 Clark, Leland C., Jr. 600  
 Clark, Lincoln D. 1775  
 Clark, Mervin L. 1600, 4260  
 Clark, William C. 3046, 3663  
 Clausen, John A. 5300  
 Clausen, John 1394  
 Clay, Margaret L. 2946  
 Cleghorn, Robert A. 1794, 3050  
 Clemente, Carmine D. 1448, 5163  
 Cliff, Norman 4186  
 Clifton, James A. 3156  
 Cloward, Richard A. 9168

Coan, Richard W. 1733, 4467  
 Coate, William B. 3763, 4337  
 Coats, Edwin A. 4484  
 Cobb, Katharine 3453  
 Cobb, Stanley 66, 161  
 Cochran, Burt, Jr. 5470  
 Coddington, James W. 499  
 Coddington, R. Dean 5914  
 Cohen, Jacob 5174  
 Coffey, Hubert S. 331, 981  
 Cohen, Burton H. 4430  
 Cohen, Jacob 5174  
 Cohen, Louis D. 887  
 Cohen, Murray L. 3527  
 Cohen, Nathan E. 1762  
 Cohen, Sanford I. 2061  
 Cohen, Sidney 3968  
 Cohen, Walter 2173  
 Colby, Benjamin N. 4975  
 Cole, Malvin 5541  
 Collias, Elsie C. 2253  
 Collias, Nicholas E. 2253  
 Collier, George H. 3328, 7024  
 Collins, Robert L. 4956  
 Colvin, Ralph W. 2985  
 Conel, J. Le Roy 151  
 Conger, John J. 930, 1820, 3040  
 Conners, C. Keith 2583  
 Converse, John M. 201  
 Coombs, Clyde H. 4236  
 Cook, Stuart 1818  
 Coopersmith, Stanley 2696  
 Coppock, Harold W. 774, 1306, 2006, 2926  
 Corman, Harvey 2306  
 Cornish, Herbert 3692  
 Correll, Robert E. 2267  
 Coser, Rose L. 1658, 2325  
 Cotton, John W. 2834, 3437  
 Coult, Allan D. 5343  
 Cowen, Emory L. 437, 1805  
 Craig, James B. 2953  
 Craig, John C. 4582  
 Crandall, Vaughn J. 2238  
 Crandall, Virginia 2238  
 Crandell, Archie 305  
 Cranefield, Paul F. 3869  
 Cranswick, Edward H. 509  
 Crockett, Walter H. 1808  
 Cromwell, Rue L. 2311, 4391  
 Cronbach, Lee J. 1839  
 Crowder, William 4988  
 Crowell, David H. 3387  
 Cruse, Daniel B. 4507  
 Cullen, Thomas D. 788  
 Cumming, M. Elaine 4735  
 Cumming, William W. 3673, 4509, 6911  
 Cummings, John H. 1882  
 Curtis, George C. 4807  
 Cutler, Richard L. 516

## D

Dahlstrom, W. Grant 4944  
 Dai, Bingham 1049  
 Dailey, John T. 2074  
 Damas, David J. 3870  
 Damato, Michael R. 2051  
 Daniel, Robert 2553  
 Daniels, George E. 174, 175  
 Daniels, Morris J. 3504  
 Dardano, Joseph F. 4112  
 Darrow, Chester W. 250, 449  
 Davenport, John W. 3085, 4991  
 Davenport, Richard K. 1005  
 Davids, Anthony 1722, 2087, 4327  
 Davidson, Edwin M. 4673

Davidson, Kenneth 122  
 Davis, David E. 1003  
 Davis, John D. 2949  
 Davis, Roger T. 530, 2258, 2264, 5981  
 Davis, W. Marvin 3199  
 Davison, Clarke 3694  
 Dean, Sanford J. 2470  
 Dearborn, Ned 9133  
 Deasy, Leila C. 4346  
 De Fanti, David R. 4435  
 De Feo, John J. 4435  
 Delay, Jean 5098  
 Delgado, Jose M. 2004  
 Dement, William C. 3267, 3619  
 De Mott, Donald W. 2413  
 De Myer, Marian K. 5154  
 Denber, Herman C. 5093  
 Den Breeijen, Aire 3204  
 Deneau, Gerald A. 2814, 5320  
 Denenbergh, Victor H. 1753  
 Deniker, Pierre 5098  
 Dennis, Wayne 48, 1659  
 Denniston, Rollin H. 969  
 Dent, C. H. 1377  
 Derks, Peter L. 5193  
 Desiderato, Otello 4705  
 Des Lauriers, Austin M. 775  
 Deutsch, Cynthia 4438  
 Deutsch, Jay A. 4563  
 Deutsch, Martin 3230, 4438  
 Devereux, Edward C. 4017  
 Devereux, George 1669  
 De Vos, George A. 2166, 4087  
 De Wit, Fred 622  
 Dews, Peter B. 1226, 2094, 2140, 2645  
 Diamond, Irving T. 4849  
 Diamond, Sigmond 4804  
 Dice, Lee R. 375, 1045, 1650, 2050  
 Dicken, Charles F. 4609  
 Dille, James M. 3311, 3319  
 Dillon, Donald J. 3616  
 Di Mascio, Alberto 2726  
 Dingman, Harvey F. 9130  
 Dinitz, Simon 2953  
 Dinnerstein, Dorothy 1075  
 Dinsmoor, James A. 1742, 3648  
 Dittes, James E. 2590, 3857  
 Dittmann, Allen T. 516  
 Divesta, Francis 2900  
 Dixon, Henry H. 2263  
 Dixon, James C. 1326  
 Dollard, John 648  
 Domino, Edward F. 2653  
 Domke, Herbert R. 592  
 Donahoe, John W. 4004  
 Donahue, Wilma 9162  
 Donnelly, John 4675  
 Doob, Leonard W. 1940  
 Dornbusch, Sanford M. 2480  
 Douglas, R. Gordon 2340  
 Douvan, Elizabeth M. 1648  
 Dovenmuehle, Robert 1599  
 Dowis, James L. 2721  
 Downing, Robert W. 4679, 5809  
 Downs, James Francis 4372, 5250  
 Dozier, Marianne F. 3729  
 Dratman, Mitchell L. 4652  
 Dreger, Ralph M. 5117  
 Drew, George C. 3313  
 Dubin, Robert 484  
 Dublin, Louis I. 9173  
 Dulany, Don E., Jr. 3002  
 Duncan, Carl P. 3182  
 Dunham, H. Warren 2898  
 Dunham, Richard M. 4348  
 Dunn, Lloyd M. 2529

Dyal, James A. 2596, 3331  
 Dykman, Roscoe A. 1091, 6009

## E

Easton, Karl 2488  
 Eaton, Joseph W. 255  
 Eckhoff, Eva 1737  
 Edelberg, Robert 1904  
 Eder, Howard A. 2562  
 Edgerton, Milton T. 1875  
 Edwards, Allen L. 3137, 4075  
 Ehrenfreund, David 2581  
 Ehrentheil, Otto F. 1905, 4690  
 Ehrlich, Leon 196  
 Eichler, Myron F. 4867  
 Eiduson, Samuel 3968  
 Eisenberg, Leon 2583  
 Eldred, Stanley H. 3999  
 Elkes, Joel 2412  
 Elkind, David 3466  
 Ellingson, Robert J. 2603, 5075  
 Ellis, Fred W. 1420  
 Ellis, Norman R. 2229, 4433  
 Ellis, Robert A. 4968  
 Elison, Douglas G. 4786, 4989  
 Elmadjian, Fred 1300  
 Elrick, Harold 1796  
 Emerson, Richard 1957  
 Emmerich, Walter 2853, 3844  
 Enarson, Harold L. 1718, 9084  
 Engel, Edward 2528  
 Engel, George L. 750, 857, 1901, 5339  
 Engel, Mary 2638  
 Engelhardt, David M. 1983, 5090, 5518  
 Entwistle, Doris R. 5348  
 Epstein, Benjamin 3167  
 Epstein, Leon J. 1950, 2923  
 Epstein, Seymour 1293  
 Epstein, William 3600, 4153  
 Erasmus, Charles J. 5447  
 Eriksen, Charles W. 1037, 1206  
 Eron, Leonard D. 1726  
 Errera, Paul L. 5261  
 Ershoff, Benjamin H. 3797  
 Ervin, Susan M. 3772, 3813  
 Escalona, Sibylle K. 27  
 Essa, Shirley H. 2693  
 Essman, Walter B. 5140  
 Etsten, Benjamin 3167  
 Evan, William M. 3455  
 Evans, Francis C. 375  
 Ewalt, Jack R. 1510, 5077, 9106, 9153  
 Ewing, James H. 4679, 5809  
 Ewing, Thomas N. 1041, 1388  
 Eyde, David B. 4027  
 Eysenck, Hans J. 2612

## F

Fagot, Robert F. 2046  
 Fahrion, Nell G. 4382  
 Fantz, Robert L. 2497, 5284  
 Farber, Bernard 3207  
 Farber, I. E. 142, 2296  
 Farina, Amerigo 4348  
 Farley, Jane 2270, 3514  
 Farnsworth, Dana L. 9151  
 Feifel, Herman 2920  
 Feld, Sheila 2181  
 Feldman, Marvin J. 2876  
 Feldman, Robert S. 376, 1061  
 Feldstein, Stanley 4548, 4571  
 Ferguson, Frances Northend 5513

Ferris, Eugene B., Jr. 313  
 Ferris, James P. 4748  
 Ferry, Alan 2211  
 Ferster, Charles B. 3225  
 Feshbach, Seymour 3213  
 Fiedler, Fred 1774  
 Field, Peter B. 9175  
 Fineman, Abraham 859, 2384  
 Finesinger, Jacob E. 318, 795, 335  
 Finger, Frank 4920  
 Fink, Geraldine 5518  
 Fink, Max 927, 2092, 2715, 5338, 7432  
 Fink, Raymond 9172  
 Finney, Ben R. 5043  
 Fish, Barbara 4665  
 Fish, Melvin S. 2756  
 Fischer, Gloria J. 3771, 5464, 551  
 Fischer, J. L. 1502  
 Fischer, Roland 2731, 2927, 4694  
 Fisher, Alan E. 1316, 1951  
 Fisher, Charles 3267  
 Fisher, Jerome 1132  
 Fisher, Seymour 1412, 1578  
 Fishman, Vivian 3929, 4543  
 Fischelli, Vincent R. 2875  
 Flach, Frederic F. 4671, 4958  
 Flanagan, John C. 2074  
 Flavell, John H. 2632  
 Flexner, L. 2412  
 Flynn, John P. 6953  
 Foa, Uriel G. 2669  
 Folch-Pi, Jordi 2412, 4083  
 Foldes, Francis F. 1425  
 Folk, G. Edgar, Jr. 1333  
 Foltz, Eldon L. 2895  
 Fonda, Charles P. 1099  
 Foote, Nelson N. 891  
 Ford, Clellan S. 3090, 5512  
 Forrest, Irene S. 2728, 5294  
 Forsham, Peter H. 3951  
 Forsyth, Daniel 5348  
 Forster, Francis M. 38, 385, 9111  
 Foshee, James G. 2311, 4391  
 Fosmire, Frederick R. 3841, 4978  
 Foulkes, David 4151  
 Fowler, Harry 4549  
 Fox, Bernard H. 4956, 5892  
 Fox, Henry M. 3634  
 Fox, Robert 919  
 Fox, Stephen S. 5970  
 Frank, Jerome D. 532, 4618, 552  
 Frank, Lawrence K. 61  
 Franklin, Girard H. 5157  
 Franks, Cyril M. 2720  
 Franzler, Shervert H. 3532  
 Freedman, Alfred M. 3230, 4438  
 Freedman, Daniel X. 1204, 3363  
 Freedman, Norbert 1983, 5090  
 Freedman, Sanford J. 1863  
 Freeman, G. Laverne 1034  
 Freeman, Harry 3253, 3314, 427, 4825, 5089, 5933  
 Freeman, Howard E. 1627  
 Freeman, Walter J. 2401  
 Freilich, Morris 4326  
 French, Elizabeth G. 3607, 7083  
 French, Gilbert 4515  
 French, John D. 2482, 3491, 43  
 French, John R., Jr. 3874, 9132  
 French, Joseph H. 3163  
 French, Thomas M. 22, 23  
 Frenkel-Brunswick, Else 9139  
 Freyhan, Fritz A. 2991  
 Frezal, Jean 3921  
 Fried, Marc 9137  
 Frieden, Edward H. 2729

Friedhoff, Arnold J. 2716, 2717,  
4664, 4665, 4669  
Friedman, Alfred S. 1727, 2722, 3674  
Friedman, Orrie M. 3273  
Friend, Dale G. 3226, 4586  
Friss, Henning 5509  
Frohmman, Charles E. 4816, 5668  
Frost, Henry H. 3348  
Fujita, Shigeo 4366, 4598  
Fuller, John L. 800, 1775  
Fuller, Raymond G. 196  
Funkenstein, Daniel 945, 9151  
Furchtgott, Ernest 1064  
Furer, Manuel 3353  
Furfey, Paul H. 3525  
Fuster, Joachim M. 2411, 3756, 5163

## G

Gadalla, Saad S. 2407  
Gage, Nathaniel L. 650  
Galanter, Eugene 2293  
Galbrecht, Charles 1091  
Galdston, Iago 2790, 4314  
Gallant, Donald M. 3701  
Gantt, W. Horsley 1350  
Garcia, John 4850  
Gardner, Beatrice T. 4245  
Gardner, George E. 661, 826  
Gardner, R. Allen 4337  
Gardner, Riley W. 25, 2454  
Garfield, Sol L. 2318, 5993  
Garnezy, Norman 629, 6004  
Garner, Ann Margaret 823  
Garner, Harry H. 1422, 3775, 4545  
Garner, Wendell R. 3558  
Garrison, Mortimer, Jr. 563, 1394,  
4267  
Gaskill, Herbert S. 3040  
Gastaut, Henri 3258  
Gault, Frederick P. 4163  
Gebhard, Paul H. 1633  
Geertsma, Robert H. 2840  
Geiger, Ruth S. 3878  
Gelber, Beatrice T. 1001  
Geller, Edward 3968  
Geller, Miriam R. 5457  
Gellhorn, Ernst 4341, 4743, 4791  
Gendlin, Eugene T. 3496  
Gengerelli, Joseph A. 839, 6452  
Gerard, Donald L. 1426, 3522  
Gerard, Margaret 823  
Gerard, Ralph W. 694, 1379, 1971,  
1972, 9104  
Gerken, George M. 5611, 5733  
Geschwind, Norman 1802  
Gershon, Samuel 4669  
Gertner, Sheldon B. 3231  
Gerty, Francis J. 823, 5527  
Gewirtz, Hava B. 3421  
Ghent, Arthur W. 5561  
Ghent, Lila 2444, 4109  
Gianakon, Harry G. 2617  
Giarman, Nicholas J. 3363  
Gibson, Robert D. 4484  
Gibbs, Frederic A. 56  
Gidro-Frank, Lothar 744  
Gilbert, William M. 1041  
Gilkesson, Elizabeth C. 9135  
Ging, Nelson S. 4598  
Ging, Rosalie J. 4598  
Gilbert, William M. 1388  
Gill, Merton M. 163, 1323  
Ginsburg, Benson B. 3361  
Gjerstad, Gunnar 3518  
Glasky, Alvin J. 4957  
Glasscock, Thomas T. 3042  
Gleitman, Henry 4993

Gleser, Goldine C. 1055  
Glick, Leonard B. 4025  
Glickman, Stephen E. 4595  
Glidewell, John C. 592  
Glock, Charles Y. 1076, 9033, 9037  
Gluck, Henry 5439  
Glueck, Bernard C., Jr. 4465, 4675  
Glueck, Eleanor T. 1817  
Glueck, Sheldon 1817  
Glusman, Murray 3660  
Goff, William R. 5286  
Goffman, Erving 4111  
Gol, Alexander 5204  
Gold, Mitchell A. 226  
Goldberg, Eugene L. 5258  
Goldberg, Marshall 4266  
Goldenberg, Harry 1305, 2461, 2938,  
3929  
Goldenberg, Vivian 1305  
Goldensohn, Eli S. 3166  
Goldman, Alfred E. 4318  
Goldman-Eisler, Frieda 5201  
Goldschmidt, Walter R. 4097  
Goldstein, Jacob 213  
Goldstein, Menek 2717, 6024  
Goldstein, Michael J. 4720  
Goldstone, Sanford 1121  
Gollub, Lewis R. 1604  
Gonzalez, Richard C. 2857, 5402  
Goode, William J. 2526, 5181  
Goodenough, Donald R. 628, 3885  
Goodenough, Evelyn W. 5107  
Goodglass, Harold 4187  
Goodman, Mary E. 1797  
Goodman, Morris 2476  
Goodrich, Kenneth P. 4426  
Gortatowski, Melvin J. 1165  
Gormezano, Isidore 4034  
Goshen, Charles E. 1452  
Gottesman, Irving I. 5384  
Gottlieb, Jacques S. 14, 2241, 2476  
Guttschalk, Louis A. 664, 1055, 6005  
Gough, Harrison G. 462, 5746  
Graham, David T. 996, 1446, 2011,  
2014  
Graham, Frances K. 2011  
Graham, Thomas M. 3797  
Grainick, Alexander 2349  
Granick, Ruth 2775  
Granick, Samuel 1128  
Grant, Ronald 1895  
Greeley, David M. 898  
Green, Edward J. 2200  
Green, John D. 5163  
Greenbaum, Marvin 4527  
Greenberg, Nahman H. 5527  
Greenberg, Ruven 3898  
Greenblatt, Milton 354, 687, 1246,  
1690, 1863, 2726, 3314, 4172, 4586,  
5077, 9091  
Greene, William A., Jr. 857  
Greenfield, Norman S. 2743  
Greenspoon, Joel 3216  
Greiner, Theodore H. 1904  
Grenell, Robert G. 318, 795  
Griffith, Wendell H. 3663  
Griffiths, William J. 1481, 4724  
Grings, William W. 3916  
Grinker, Roy R. 65, 1442, 4957, 5519  
Grob, Gerald N. 3190  
Gross, Martin 2147, 3672, 4661  
Gross, Milton M. 5410  
Gross, Sonja K. 3617, 7431  
Grosser, Bernard I. 4231  
Grossman, Sebastian P. 5331  
Gruber, Howard 4382  
Gruener, Hanns-Dieter 2729, 3961  
Gruen, Walter 3064

Gruenberg, Ernest M. 5150  
Gruman, Gerald J. 2163, 2686  
Grunes, Jerome 2379  
Guhler, Clark 5314  
Guest, George M. 1175  
Guilford, Joy P. 2353  
Gulick, John 4466  
Gump, Paul V. 550, 1066  
Gunberg, David L. 4527  
Gundlach, Ralph 5157  
Gunter, Laurie M. 1338  
Gussow, Zachary 3149  
Gutekunst, Ralph 5793  
Guth, Paul S. 2362, 4357, 4773  
Guttersen, Alston G. 1452  
Guttman, Louis 5159  
Guttman, Norman 631, 1002, 3917  
Guze, Samuel B. 2242

## H

Habenstein, Robert W. 5343  
Haber, Ralph N. 3244  
Haddad, Raef K. 4703  
Hagamen, Wilbur D. 1386  
Haggard, Ernest A. 637, 912, 4019  
Hahn, Pauline B. 661  
Hakerem, Gad 2783, 4759, 5051,  
7478  
Halas, Edward S. 4091  
Hall, Edward T. 4166  
Hall, Robert L. 2472  
Halstead, Ward C. 1057  
Hamblin, Robert L. 3039  
Hamilton, Charles 3327  
Hammer, Muriel 4082  
Hammond, Kenneth R. 3848, 4977  
Hampson, Joan G. 1557  
Hampson, John L. 1557  
Hamwi, George J. 4694  
Hance, A. J. 3241  
Handel, Gerald 543  
Handler, Philip 2109  
Hankoff, Leon D. 5090  
Hanley, Charles 1885  
Hanlon, Thomas E. 2152, 4233  
Hanna, Calvin 3006, 6572  
Hare, A. Paul 5400  
Harlan, W. L. 2244  
Harlan, William H. 719  
Harleston, Bernard W. 3597  
Harlow, Harry F. 772, 940, 4528  
Harris, Dale B. 690, 897  
Harris, Florence 2208  
Harris, Lillian E. 180  
Harris, Shelby 2286  
Harte, Thomas J. 1164, 3525  
Hartley, Ruth E. 959  
Hartman, J. Francis 388  
Harvey, Elinor B. 2521  
Harwood, Charles W. 2838  
Hassenplug, Lulu W. 5495  
Hastorf, Albert H. 2480  
Hatfield, John S. 3217  
Hathaway, Starke R. 724, 4306  
Havens, Leston L. 1690, 2726  
Havighurst, Robert J. 382, 621, 4736,  
9082  
Hawkes, Glenn R. 2963  
Hawkins, David R. 2360, 5543  
Haydu, George G. 3993  
Hayes, Keith J. 669  
Heath, Douglas H. 4145  
Heath, Robert G. 612, 3701  
Hebb, Donald O. 2455  
Hefferline, Ralph F. 2380, 2961  
Hegsted, D. Mark 611  
Heimstra, Norman W. 5981



Heinberg, Paul J. 3465  
 Heinicke, Christoph 2948  
 Heiser, Karl F. 563  
 Heiss, Jerold S. 4402  
 Heistad, Gordon T. 2273, 5106  
 Held, Richard M. 3657  
 Heller, John H. 1903  
 Helper, Malcolm 2318  
 Helwig, Harold L. 3507  
 Hemingway, Allan 2401  
 Hendin, Helen 2882  
 Henry, Andrew F. 1294  
 Henry, Charles E. 834  
 Henry, William E. 9082  
 Henry, William I. 1224  
 Henson, O'Dell W., Jr. 5430  
 Hereford, Carl F. 1377  
 Herring, Pendleton 4160  
 Herrstein, Richard J. 5139  
 Hershkowitz, Aaron 4625, 7305  
 Hess, Eckhard H. 776  
 Hess, Robert, D. 543, 4736  
 Hetzel, Willard C. 196  
 Heusler, Anton F. 2823, 3826, 7071  
 Hewitt, Robert T. 1718  
 Hicks, Leslie H. 1215  
 Hilgard, Ernest R. 3859  
 Hilgard, Josephine 727  
 Hill, Reuben 9038  
 Hill, William F. 622, 1133  
 Hill, Winfred F. 2834  
 Hinkle, Lawrence E. 1531  
 Hitchman, Irene L. 2147, 3672, 4661  
 Hitt, John 5056  
 Hoagland, Hudson 366, 657, 1322, 2211, 2936, 2967  
 Hobbs, Nicholas 674, 2529  
 Hockett, Charles F. 2021, 2833  
 Hoff, Ebbe C. 9073  
 Hoffer, Joe R. 9165  
 Hoffman, Howard 2433  
 Hoffman, Martin L. 1747, 2333  
 Hoffman, Paul J. 2097, 4439  
 Holland, William R. 4036  
 Holliday, Audrey R. 3311  
 Hollingshead, August B. 263, 1745, 1750, 3569  
 Hollister, Leo E. 3030, 5144  
 Holmes, Thomas H. 1115  
 Holt, L. Emmett, Jr. 833  
 Holt, Robert R. 782, 3670  
 Holtzman, Wayne H. 3223  
 Holz, William C. 4926  
 Holzman, Philip S. 1182, 1811  
 Homme, Lloyd E. 2987  
 Honig, Werner K. 2414  
 Honigmann, John J. 4466, 5513  
 Hoobler, Icie M. 2054  
 Hooker, Evelyn 839, 6452  
 Horita, Akira 2435  
 Horn, Paul E. 2904  
 Horner, B. Elizabeth 4096  
 Horner, Frederick A. 3163  
 Horowitz, Leonard M. 5428  
 Horst, Paul 743  
 Horton, Donald 9135  
 Hoskins, Robert G. 3226  
 House, Betty J. 1099  
 Hovorka, Edward J. 693  
 Howard, Stuart A. 3366  
 Howe, Edmund S. 3355  
 Howell, John C. 2957  
 Howes, Davis H. 1802  
 Hsia, David Y. 1945, 2630  
 Huang, Chien L. 3967  
 Hudson, Roy D. 5324  
 Hughes, Charles C. 4506

Hulpieu, Harold R. 3046  
 Hulse, Stewart H. 2363  
 Hume, Portia B. 9075  
 Humphreys, Lloyd G. 2509  
 Hunsaker, Don, II 4996  
 Hunt, David E. 955, 5517  
 Hunt, Howard F. 1918, 3361, 7279  
 Hunt, J. McVicker 1041  
 Hunt, Thelma 4109  
 Hunt, William E. 4694  
 Hunter, Richard A. 4721  
 Hunton, Vera D. 1215  
 Hurwitz, Jacob I. 9149  
 Huston, Paul E. 14  
 Hutcheson, B. R. 9149

## I

Ingram, Walter R. 675  
 Irwin, Samuel 3032  
 Isaac, Walter 2195, 2289, 4539  
 Isaacs, Kenneth 637  
 Isaacson, Robert L. 3202  
 Iscoe, Ira 3581  
 Ittelson, William H. 2503  
 Ivey, John E., Jr. 9080  
 Iwanska, Alicja 4448  
 Izquierdo, Ivan 5183

## J

Jackson, C. Wesley, Jr. 3037  
 Jackson, Donald D. 791, 1673, 2621, 4916  
 Jackson, Douglas N. 2738, 2878  
 Jackson, Edith B. 105  
 Jackson, Elton F. 5516  
 Jacobs, Harry L. 3448, 4320, 5754  
 Jacobs, Howard I. 3394  
 Jaffe, Joseph 4548, 4571  
 Jahoda, Marie 910  
 James, Rita M. 2202  
 Janeway, Charles A. 320  
 Janke, Leota L. 1627  
 Janowitz, Morris 2104  
 Jarecki, Henry 5261  
 Jarrard, Leonard E. 4710  
 Jarvik, Lissy F. 1911  
 Jarvik, Murray E. 1225, 5319  
 Jeans, Robert F. 1422, 4545  
 Jeffrey, Wendell E. 1498  
 Jenkin, Noel 1394  
 Jenkins, James J. 4286  
 Jennings, Percy H. 2521  
 Jensen, Glen D. 2834, 4494, 7237  
 Jensen, Gordon D. 5241  
 Jerison, Harry J. 3145  
 Jervis, George A. 1192  
 Jessner, Lucie 819  
 Jessor, Richard 9156  
 John, Erwin R. 2811, 2972  
 Johns, Varner J., Jr. 5470  
 Johnson, Adelaide M. 23  
 Johnson, Erwin H. 5221  
 Johnson, Guy B., Jr. 4309  
 Johnson, Ronald C. 5110  
 Johnson, William J. 9133  
 Johnston, Philip W. 1227  
 Jolly, Donald H. 2537, 4290  
 Jones, Austin 2479  
 Jones, Edward V., Jr. 2036  
 Jones, F. Nowell 1776  
 Jones, Harold E. 4087  
 Jones, Lyle V. 1849, 1876  
 Jones, Richard M. 5087  
 Josselyn, Irene 1335  
 Juurmaa, Jyrki Y. 3593

## K

Kabat, Elvin A. 257  
 Kado, Raymond T. 3708  
 Kagan, Jerome 2884, 4464  
 Kahn, Robert L. 3346, 9132  
 Kalish, Harry I. 1002, 1459, 6096  
 Kallmann, Franz J. 479, 1065, 1911, 3532, 5652  
 Kalz, Frederick 2151  
 Kamiya, Joe 2116, 5069  
 Kanareff, Vera T. 3909  
 Kanfer, Frederick H. 963, 2027, 3700, 6921, 6922  
 Kaplan, Bernard 3853  
 Kaplan, Bert 1019  
 Kaplan, Ira 5364  
 Kaplan, Michael 3332  
 Kaplan, Oscar J. 2919  
 Kaplan, Samuel 39, 3026  
 Kaplan, Solomon D. 1520, 2060, 4484  
 Karelitz, Samuel 2875  
 Kastenbaum, Robert 4818  
 Kates, Solis 4392  
 Katz, Irwin 2421  
 Katz, Jay 3121  
 Katz, Sanford 5498  
 Kaufman, I. Charles 373, 4670, 5518  
 Kaufman, Irving 3958  
 Kaufman, Melvin E. 4085  
 Kaufman, M. Ralph 1552  
 Kayce, Melvin M. 4673  
 Kechn, Robert J. 1928  
 Keeler, Martin H. 4742  
 Keely, Harold W. 3042  
 Kellaway, Peter 5204  
 Keller, Fred S. 1421, 3673  
 Keller, Mark 9159  
 Kellogg, Winthrop N. 1  
 Kelly, George 2031  
 Kelly, E. Lowell 1045  
 Kelly, Harriet J. 2054  
 Kelman, Herbert C. 2516, 7280  
 Kensler, Charles J. 3312  
 Kenyon, Grant Y. 2328  
 Kernohan, William J. 4674  
 Kessen, William 1787  
 Kety, Seymour S. 2412, 5521  
 Kierman, Gerald L. 2726  
 Kiesler, D. J. 4396  
 Killam, Eva King 3374  
 Killam, Keith F. 3241, 3374  
 Kim, Chul 3093  
 Kimble, Gregory A. 1509  
 Kimmel, Herbert D. 2867  
 Kinder, Elaine F. 627, 1191  
 King, David J. 3174  
 King, Frederick A. 1630, 1639, 3118  
 King, John A. 123, 5643  
 King, Stanley H. 9151  
 Kinnard, William J., Jr. 3029  
 Kinross-Wright, John 4578, 5121  
 Kirk, H. David 3004  
 Kirk, Samuel A. 274, 3207  
 Kissin, Benjamin 4588, 5410  
 Kiyasu, John 4356  
 Klausner, Samuel Z. 3028  
 Klee, Gerald D. 3644  
 Kleemeier, Robert W. 1057  
 Klein, Donald F. 4798  
 Klein, George S. 25, 782, 3670  
 Kleiner, Robert J. 3047  
 Kline, Nathan S. 2350, 3031, 4253, 4417  
 Kling, Julius W. 2337  
 Klopfer, Peter H. 2850, 4453  
 Kluckhohn, Florence R. 971  
 Kluckhohn, Richard 2500

Klugh, Henry F. 3275, 5257  
 Kluver, Heinrich 1981  
 Knapp, Harriet D. 2939  
 Knapp, Peter H. 609, 864, 1223,  
 2134, 2510

Knapp, Robert H. 2178  
 Knighton, Robert S. 2474  
 Knoblock, Hilda 1693  
 Knopf, Irwin J. 4038  
 Knott, John R. 675  
 Knowles, R. R. 4674  
 Kobayashi, Yutaka 3591  
 Kobler, Arthur L. 2858  
 Koch, Helen L. 409  
 Koegler, Ronald R. 3020  
 Koella, Werner P. 2211, 4953  
 Kogan, Nathan 1867, 2269  
 Koh, Soon D. 5306  
 Komarovskiy, Mirra 2604  
 Kopeloff, Nicholas 651  
 Korchin, Sheldon J. 1051  
 Korman, Maurice 4038  
 Kornetsky, Conan 3312  
 Kornhauser, Arthur 460  
 Koronakos, Chris 2816  
 Korsch, Barbara M. 3453  
 Kounin, Jacob S. 544, 1066, 4221  
 Kounar, Murray R. 5306  
 Krall, Albert R. 5632  
 Kramer, Milton 3033  
 Krantz, John C. 2540  
 Krasner, Leonard 2458  
 Krause, Merton S. 5031  
 Krayer, Otto 2029  
 Krech, David 1292  
 Krezanoski, Joseph 2701  
 Kris, Else B. 2700, 3868  
 Kristofferson, Alfred B. 2463  
 Krivoy, William A. 2272, 3477  
 Kroege, Donald C. 766  
 Kroepsch, Robert H. 1718  
 Kron, Reuben E. 5550  
 Kronhausen, Eberhard W. 1136  
 Krumholz, Wilhelm 5096  
 Krus, Donald M. 2262  
 Kryter, Karl D. 2234  
 Kumler, Warren D. 3487  
 Kurland, Albert A. 733, 2152, 2844,  
 3048, 3967  
 Kutash, Samuel B. 2503

## L

L'Abate, Luciano 1373, 3804  
 Lacey, Beatrice C. 623  
 Lacey, John I. 623  
 Lachman, Roy 4077, 5729  
 Laffal, Julius 2020  
 Lago, Gladwyn V. 2553  
 Lake, Richard A. 622  
 Lakin, Martin 2379  
 Lambert, William W. 1344, 2331  
 Lambertsen, Christian J. 692  
 Lamy, Maurice 3921  
 Lana, Robert E. 3774, 4113, 4830,  
 5504  
 Landauer, Thomas K. 5308  
 Landfield, Alvin W. 3058, 4058  
 Landis, Carney 872  
 Lane, Ellen A. 5186  
 Lane, John E. 1284  
 Lang, Peter J. 3567, 3880  
 Langness, Lewis L. 4377  
 Langs, Robert J. 2110  
 Lanzetta, John T. 3909  
 Lapouse, Rema 1507, 3191  
 Larsson, Knut 5213  
 Lashley, Karl S. 77

Lasslo, Andrew 2072, 4379  
 Latics, Victor G. 3229  
 Laveck, Gerald D. 3240  
 Law, O. Thomas 5207  
 Lawrence, Douglas H. 1689  
 Lawson, Edwin D. 3836, 5278  
 Lawton, M. Powell 4796  
 Layman, Emma M. 1445  
 Lazarow, Arnold 388  
 Lazarus, Richard S. 734, 2136  
 Lazovik, A. David 3880  
 Lazure, Denis 4253  
 Leary, Robert W. 835, 1664  
 Leary, Timothy 1013, 1323  
 Leblanc, Jacques 3078  
 Lebra, William P. 3084  
 Ledwith, Nettie H. 929  
 Lee, Everett S. 5375  
 Lee, Joan 4674  
 Lecte, Edward 2075, 2662  
 Leevy, Carroll M. 5541  
 Lefton, Mark 2940, 2953  
 Legg, Donald R. 3890  
 Lehman, Heinz E. 5202  
 Lehrman, Daniel S. 2271  
 Liebowitz, Herschel 1090  
 Leiderman, P. Herbert 2276  
 Leighton, Alexander 515, 4506  
 Leitch, Eunice M. 27  
 Lemert, Edwin M. 3158, 5161  
 Lemieux, Lionel 3078  
 Lemon, Henry M. 609  
 Lennard, Henry L. 1076, 2882  
 Lennenberg, Eric H. 2921, 5268  
 Lennox, William G. 111  
 Lesse, Henry 867  
 Lesser, Gerald S. 1020, 1956, 2884,  
 3607, 7083  
 Lester, Boyd K. 5079  
 Lettvin, Jerome Y. 2820  
 Leventhal, Howard 3575  
 Leventhal, Theodore 1821  
 Levin, Harry 901  
 Levin, Max M. 3642  
 Levin, Sidney 2134  
 Levine, Jacob 3589  
 Levine, Julius 1690  
 Levine, Marvin 3906  
 Levine, Maurice 664  
 Levine, Murray 1934, 2724, 4041,  
 4531  
 Levine, Raphael B. 1499  
 Le Vine, Robert A. 4037  
 Levine, Seymour 1051, 1630, 1639  
 Levinger, George 2617, 4653  
 Levinson, Daniel J. 687, 1000, 9091  
 Levitt, Eugene E. 3204  
 Levy, Bernard I. 4663  
 Levy, Leon H. 1512, 2067  
 Levy, Nissim M. 3196  
 Lewinsohn, Peter M. 5548  
 Lewis, Donald J. 2508  
 Lewis, Leon 2325  
 Lewit, David W. 4164  
 Lhamon, William T. 1121, 1904  
 Liberson, Vladimir T. 1061  
 Licklider, J. C. R. 2234  
 Liddell, Howard S. 41  
 Liddle, Gordon P. 1319  
 Lidz, Theodore 728, 2468  
 Lieberman, Morton 2304  
 Liebeskind, John 5970  
 Lighthall, Fred 712  
 Lindemann, Elizabeth B. 5310  
 Lindemann, Erich 3471, 9137  
 Lindsley, Donald B. 189  
 Lindsley, Ogden R. 977, 2778, 5054  
 Lindzey, Gardner 1949, 3536

Linn, Erwin L. 4122  
 Lippitt, Ronald 94, 450, 919, 1654,  
 1780, 9109  
 Lippman, Richard W. 2891  
 Lipscomb, Wendell R. 3507, 9158  
 Lipton, Earle L. 4605  
 Liss, Leopold 2927  
 Little, Clarence C. 800  
 Little, Kenneth B. 402  
 Littman, Richard A. 1695, 3801, 3997,  
 4063, 5429  
 Liu, Chan-Nao 2028  
 Loeb, Janice 5588  
 Loeb, Martin B. 815  
 Loevinger, Jane 1213, 5115  
 Logan, Frank A. 1760, 4173  
 London, Irving M. 2562  
 London, Perry 4441  
 Long, Ernest S. 2769  
 Long, Eugene R., Jr. 2007, 2879  
 Loomis, Earl A., Jr. 1263  
 Long, Robert 819, 937  
 Loranger, Armand W. 1283, 2090  
 Lorr, Maurice 3262  
 Lotsof, Erwin J. 1245  
 Loucks, Roger B. 2838  
 Lourie, Reginald S. 1445  
 Lovass, Ole I. 5170  
 Low, Niels L. 1586  
 Lowell, Francis C. 609  
 Lowenthal, Marjorie F. 9145  
 Lowry, Elmer F., Jr. 4030  
 Lubin, Ardie 4113, 5504  
 Luborsky, Lester B. 2257, 3654  
 Luce, R. Duncan 2293  
 Ludwig, Alfred O. 767, 2484  
 Luft, Joseph 528  
 Iuski, Margaret B. 9027  
 Lykken, David T. 1500, 4697  
 Lyons, Joseph 5438

## M

Maas, Henry S. 1483  
 McAllister, Dorothy E. 2064  
 McAllister, Robert J. 3773, 5909  
 McAllister, Wallace R. 2064  
 Macalpine, Ida 4721  
 McCain, Garvin M. 5469  
 McCandless, Boyd R. 658  
 McCann, Willis H. 425  
 McCarter, Robert H. 2134  
 McCarthy, Raymond G. 1426  
 McCay, Clive M. 41  
 McClelland, David C. 120, 2980  
 McCluer, Robert H. 1630, 1637, 1639  
 Maccoby, Eleanor E. 1468  
 McCollough, Celeste F. 4056  
 McConnell, James V. 2946  
 McConnell, Thomas R. 4734  
 McCord, Joan 2647  
 McCord, William M. 2647  
 McCluer, Robert H. 1637, 2731  
 MacFarlane, Jean W. 79  
 McGanity, William J. 1265  
 McGaugh, James L. 3541  
 McGinnies, Elliott M. 9064  
 MacKinnon, Donald W. 1078, 2591  
 McKittrick, Keith G. 5148  
 Macklin, Madge T. 9161  
 McNamara, Robert L. 2407  
 McPartland, Thomas S. 1882  
 MacPhee, Halsey M. 1033  
 McPheeters, Harold 7874  
 McPherson, Marion W. 3568  
 McQuitty, Louis L. 9020

McQuown, Norman A. 3847  
 Madison, Harry L. 2906  
 Magoun, Horace W. 189  
 Mahan, Mary B. 3150  
 Maher, Brendan A. 2039, 5505  
 Mahl, George F. 1052, 3092  
 Mahler, Margaret S. 3353  
 Maier, Norman R. 2734  
 Maki, Augusth 2728  
 Makover, Henry 2562  
 Malamud, William 373  
 Maldonado-Sierra, E. D. 9175  
 Malitz, Sidney 1665  
 Malmo, Robert B. 1475  
 Maltzman, Irving 4684  
 Malzberg, Benjamin 188, 1140, 4486  
 Mandler, George 2442, 4852  
 Mandler, Jean M. 4852  
 Mangin, William P. 1566  
 Manis, Jerome G. 2646  
 Mann, Edward C. 2340  
 Mann, Floyd C. 3276, 3983, 9132  
 Mann, Richard D. 5405  
 Mannering, Gilbert J. 3689, 5453, 7541  
 Mansour, Tag P. 1725  
 Marchant, Walter E. 1905  
 Marcus, Irwin M. 790  
 Maretzki, Thomas 3084  
 Marjerrison, Gordon 3647  
 Markham, Charles 3020  
 Marley, Francis W. 1833  
 Marsh, James T. 1103, 3831  
 Marshall, Curtis 2844  
 Martin, Barclay 1454  
 Martin, Clyde E. 1633  
 Martin, Elmore 622  
 Marx, Melvin H. 817  
 Masland, Richard L. 652, 9092  
 Mason, William A. 4100  
 Masserman, Jules H. 16, 730, 2312  
 Masuda, Minoru 1948, 2552  
 Matarazzo, Joseph D. 1107, 1938  
 Matthews, Dorothy M. 1627  
 Mausner, Bernard 2836  
 Maxwell, David S. 5163  
 May, Philip R. 2719, 4589  
 May, Rupert 2988  
 Mayman, Martin 4401  
 Maynard, Edith A. 5639  
 Maynard, Laurence S. 4588  
 Mead, Margaret 9034  
 Meade, Robert D. 3193  
 Mecham, Merlin J. 5590  
 Mechner, Francis 3032  
 Mednick, Sarnoff A. 1519  
 Meehan, John P. 3394  
 Meehl, Paul E. 4465  
 Mcenes, Max 1215  
 Meier, Gilbert W. 762, 1265  
 Meier, R. M. 1903  
 Meissner, William W. 4707  
 Mello, Nancy K. 4814  
 Melzack, Ronald 4235  
 Mendelson, Jack H. 1955, 4814, 5619  
 Menzel, Emil W., Jr. 1005  
 Menzer-Benaron, Doris 2484  
 Merkelstein, Ida 5157  
 Merlis, Sidney 5096  
 Mertens, Marjorie S. 2121  
 Mertz, Edwin T. 2434, 2537, 4290  
 Meshorer, Edward 3314  
 Messick, Samuel J. 2738, 2878, 4186  
 Metcalf, David R. 3042  
 Mettler, Fred A. 118, 252, 289  
 Meyer, Donald R. 1532, 1653, 1693, 2035  
 Meyer, Eugene 1875  
 Meyer, Hans 2434  
 Meyer, Mortimer M. 2920  
 Meyerowitz, Sanford 5339  
 Meyerson, Lee 3730  
 Michaux, Mary H. (Tatom) 4233  
 Michels, Kenneth 4532  
 Miles, Raymond C. 4890  
 Millhoj, Poul 5509  
 Mill, Cyril R. 4030  
 Miller, Aloysius I. 4663  
 Miller, Arnold 4915  
 Miller, Daniel R. 564  
 Miller, Eileen R. 4915  
 Miller, Frank C. 4982  
 Miller, George A. 5120  
 Miller, James G. 1871  
 Miller, Lovick C. 2292  
 Miller, Marvin P. 2408  
 Miller, Neal E. 647, 2949  
 Miller, Norman 4840  
 Miller, Orlando Jack 4386, 4872  
 Miller, Robert E. 487  
 Miller, Walter B. 1342, 1414, 4010  
 Miller, Wilbur C. 3040  
 Millican, Frances K. 1445  
 Mills, Theodore M. 3876  
 Minz, Bruno 1902  
 Mirone, Leonora 4813  
 Mirsky, Allan P. 6015  
 Mirsky, I. Arthur 67, 76, 327, 486, 487  
 Misback, Lorenz 425  
 Mischel, Frances 2557  
 Mischel, Walter 2557, 3344, 6830  
 Misiak, Henryk 1283, 4421  
 Miya, Tom S. 2405  
 Mohr, George 1335  
 Moles, Edgar A. 4674  
 Moltz, Howard 1732, 2417, 3855  
 Monachesi, Elio D. 724, 4306  
 Money, John 1557  
 Monk, Mary A. 1507, 3191  
 Monroe, Russell 4137  
 Moore, Blake W. 4591  
 Moore, Kenneth B. 1971  
 Moore, Robert Francis 1690  
 Morant, Ricardo B. 3658  
 Morgan, Richard D. 1950  
 Morin, Richard D. 1588, 7842  
 Morphet, Edgar L. 3473  
 Morris, Harold H. 4679  
 Morris, Thomas A. 2484  
 Morrison, James M. 4266  
 Morrow, William R. 3503  
 Morse, Roger A. 3368  
 Morse, W. H. 2094, 2140  
 Mosel, James N. 1508  
 Mosteller, Frederick 2293  
 Mountjoy, Paul T. 2398  
 Mouton, Jane Srygley 2447  
 Mowbray, Jay B. 4528  
 Mowrer, O. Hobart 422  
 Moyer, Kenneth E. 1298  
 Mudd, Emily H. 57  
 Muenzinger, Karl F. 771  
 Murdock, Bennet B. 3330  
 Murphy, Gardner 25, 715, 3924  
 Murphy, John V. 487  
 Murphy, Louis B. 680, 4093  
 Murphy, Robert P. 5250  
 Murray, Henry A. 700, 1287, 6038  
 Murstein, Bernard I. 4698  
 Nussen, Paul H. 3217  
 Myers, J. Martin 5931  
 Myers, Jerome K. 3569  
 Myers, Jerome L. 1932, 2620, 3803  
 Myers, Nancy A. 2620  
 Myers, Robert D. 2637

N

Naboisek, Herbert 1627  
 Nakamura, Charles Y. 4493  
 Nalbandow, Andrew V. 3203  
 Naquet, Robert 3258  
 Naroll, Raoul S. 1930, 2453, 3821  
 Nash, Dennison J. 4821  
 Nash, Manning 2017  
 Neet, Claude C. 376  
 Neisser, Ulric 3658  
 Nelson, John W. 2929  
 Nenno, Robert P. 5541  
 Neugarten, Bernice L. 3972, 9082  
 Newcomb, Theodore M. 292  
 Newman, Bertha L. 4855  
 Newman, Richard 1024  
 Nichols, Charles H. 5920  
 Nichols, John 2904  
 Nichols, Robert C. 2734, 55  
 Nichtern, Sol 5150  
 Nielsen, Gerhard 6038  
 Nisonger, Herschel 9103  
 Nissen, Henry W. 1005  
 Nitzberg, Harold 3042  
 Noble, Merrill E. 1653, 2618  
 Nobles, W. Lewis 3232  
 Nodland, Thorvald Scheie 173  
 Noshay, William C. 2474  
 Nottermann, Joseph M. 1668  
 Noval, Joseph J. 3690, 4703  
 Novick, Alvin 5430  
 Nowlis, Helen H. 681  
 Nowlis, Vincent 681  
 Nunnally, Jum C. 9067  
 Nurnberger, John I. 5154  
 Nye, P. Ivan 2502

O

Oakes, William P. 3212, 599  
 O'Brien, Denis A. 5124  
 O'Brien, Donough 2347  
 Obrist, Walter D. 834  
 Ochs, Sidney 4815  
 O'Connell, Donald Neil 28  
 O'Connor, James P. 3262  
 O'Connor, John F. 4740  
 O'Doherty, Desmond 9111  
 Odoi, Hiroshi 530  
 O'Donnell, John A. 4014  
 Offenkrantz, Frederick M. 36  
 Offenkrantz, William 2390,  
 Offer, Daniel 4870  
 Ohlin, Lloyd E. 9168  
 Ohwaki, Sonoko 3461  
 Ojemann, Ralph H. 301  
 O'Kelly, Lawrence I. 4853  
 Olds, James 1614, 2839  
 Oliver, Douglas L. 5043  
 Olson, Robert E. 2547  
 O'Neill, John J. 5317  
 O'Neal, Lawrence W. 1159  
 O'Neal, Patricia 1400  
 Orbach, Jack 3830  
 Ordy, Joseph M. 4956  
 Orlando, Robert 2232  
 Orne, Martin T. 3369  
 Orr, Richard H. 3236  
 Osburn, Hobart G. 1782  
 Osgood, Charles E. 2124, 9  
 Osler, Sonia 2583  
 Ostfeld, Adrain M. 2302  
 Otis, Leon S. 2003, 3384, 4  
 Overall, John E. 5144  
 Overholser, Winfred 965

Owens, Ben L. 9134  
Ozarin, Lucy D. 1452

## P

Paivio, Allan U. 4188  
Palermo, David S. 4286  
Palmer, James O. 3076  
Pande, Shashi K. 4732  
Parducci, Allen 3134, 5465  
Pare, William P. 4752  
Park, Lee C. 3741, 4732  
Park, Peter 2478  
Parker, Joseph B., Jr. 2365  
Parker, Seymour 3047  
Parsons, Anne 2105  
Parsons, Oscar A. 1599  
Pasamanick, Benjamin 1499, 1630,  
1637, 1639, 1693, 2535, 3271, 4592,  
5042, 7870, 7874  
Pasik, Pedro 2261  
Pasik, Tauba 2261  
Patterson, Gerald R. 1889, 4063,  
5429  
Patterson, Ralph M. 2940  
Patterson, Robert A. 2926  
Patton, Robert A. 487, 1290  
Paul, Benjamin D. 9059  
Paul, Irving 4244  
Pauling, Linus C. 5232  
Pavenstedt, Eleanor 898, 3325  
Pavlik, William B. 3406  
Payton, Carolyn 4241  
Peabody, Dean 6094  
Peacock, Lelon J. 1005, 3791  
Pechtel, Curtis 730  
Peltz, William L. 57  
Pennes, Harry H. 3444  
Penny, Ronald K. 4240  
Perkins, Charles 4378  
Persky, Harold 3204  
Peters, John E. 2564  
Peterson, Cameron R. 4977  
Peterson, Donald R. 5627  
Peterson, Margaret J. 3707, 5209  
Peterson, Ruth D. 2263  
Petric, Asenath 2057, 2641  
Pettis, James B. 4030  
Pfeiffer, Carl C. 639, 875, 4229  
Pfouts, Jane 4518  
Phares, E. Jerry 3852  
Phillips, Leslie 467, 896, 1284  
Philp, John R. 3507  
Picchioni, Albert L. 3383  
Pichot, Pierre 5098  
Pierce, Chester M. 3033  
Pierce, John G. 3663  
Pierre, Rosemary 1353, 2554, 5757  
Piette, Lawrence H. 5294  
Pilot, Martin L. 2468, 3092  
Pincus, Gregory 657  
Pins, Arnulf M. 4792  
Piotrowski, Zygmunt 58  
Pisoni, Stephanie 4443  
Pitt-Rivers, Julian A. 3847  
Pittenger, Robert E. 2021, 2833  
Pittman, James A. 3842  
Plotnecov, Leonard 4322  
Plotnikoff, Nicholas P. 3693  
Podell, Jerome E. 4424, 5461  
Polansky, Norman A. 544, 1762  
Politzer, Frank 622  
Pollack, Max 2092, 2715  
Pollard, John C. 3037  
Pomeroy, Wardell 1633  
Pool, J. Lawrence 3166  
Pope, Alfred 295  
Pope, Benjamin 4287

Pope, Saxton T., Jr. 331, 981  
Porter, Paul B. 3165  
Porter, R. W. 2482  
Porteus, Stanley D. 2316  
Poser, Charles M. 4660  
Pospisil, Leopold 4027, 5124  
Postman, Leo J. 2810  
Prange, Arthur J., Jr. 1870, 4406,  
4934  
Preiss, Jack J. 2957  
Prelinger, Ernst 1700, 3642  
Premack, David 3345  
Prentiss, Robert 4479  
Pressey, Sidney L. 578  
Presthus, Robert V. 5108  
Preston, Malcolm G. 57  
Pribram, Karl H. 545, 3732  
Price, Marian Blewitt 4520  
Priest, Jean H. 5484  
Prigot, Aaron 2802  
Proctor, Lorne D. 2474  
Prokasy, William F. 2560  
Pronko, Nicholas H. 2328, 3212  
Pronovost, Wilbert 2123  
Prout, Curtis T. 2090  
Prusmack, John J. 3030  
Pryles, Charles V. 5010, 6831  
Psathas, George 2821  
Pubols, Benjamin H. 4046  
Pulver, Sydney E. 2068, 3986  
Purcell, Kenneth 3269, 3722  
Purvis, Martin 4479  
Purvey, Herbert 5543  
Putnam, Marian C. 39

## Q

Quarton, Gardner C. 1608, 3966,  
5281  
Quay, Herbert C. 5627  
Quinn, Olive W. 4345  
Quint, Jeanne C. 5495

## R

Rabiner, Edwin L. 2349  
Rabinowicz, Theodore 1561  
Rader, Gordon E. 4518  
Rafferty, Janet 1137  
Ragland, James B. 4578  
Rainer, John D. 3532  
Rainey, Robert V. 3040  
Rank, Beata 3026  
Ramsey, Charles E. 3101  
Ransohoff, Joseph 3166  
Rapaport, Anatol 4238  
Rapaport, Ionel P. 2561, 3322  
Rarick, G. Lawrence 2561, 3322  
Rashevsky, N. 1745  
Raskin, Allen 4663  
Rasmussen, A. F., Jr. 1103  
Rausch, Harold L. 516  
Ray, Thomas S. 4260  
Razran, Gregory 2196, 4417  
Rechtschaffen, Allan 4151  
Redl, Fritz 94, 550  
Redlich, Frederick 263, 3589  
Reed, Charles F. 4761  
Reed, Sheldon C. 1431  
Reese, William G. 1091  
Regan, Peter F. 2721  
Reichard, Suzanne 9139  
Reichsman, Franz 750, 1205, 4356  
Reid, Melvin P. 5117  
Reid, L. Starling 4920  
Reider, Norman 2948  
Reiser, Morton F. 2306  
Reiss, Ira L. 4045, 5566  
Renneker, Richard 2556  
Rennie, Thomas A. 515  
Resnick, Oscar 2936  
Rettig, Salomon 5042, 7870  
Retzlaff, Ernest W. 1630, 1639, 3271,  
4592  
Reynolds, George S. 5139  
Reynolds, Telfer 3507  
Rexford, Eveleen N. 1795, 9094  
Reynolds, Robert W. 3459, 4003  
Rhudick, Paul J. 1833  
Rice, George E. 5449  
Rice, Laura N. 4609  
Richards, Thomas W. 469, 2212  
Richardson, Stephen 2480  
Richmond, Julius 4605  
Richter, Curt P. 576  
Richter, Melissa L. 3579  
Rickels, Karl 2934  
Rickers, Ovsiankina, Maria A. 1439  
Riebar, Morton 5671  
Riegel, Klaus P. 4069  
Riese, Walther 4011  
Riesen, Austin H. 681, 2137  
Riesman, David 891  
Rietman, H. J. 2244  
Riggs, Margaret M. 563  
Riley, Carroll L. 2150, 3565  
Riley, John W., Jr. 926  
Riley, Matilda W. 926  
Rinkel, Max 5983  
Riopelle, Arthur J. 589, 1005  
Ripple, Lilian 1606  
Riskin, Jules 4916  
Riss, Walter 2339, 3392  
Ritter, Anne M. 2985  
Robbins, Gerald M. 5933  
Robbins, Samuel D. 5452  
Roberts, John M. 4161  
Roberts, Warren W. 3979, 6901  
Robins, Eli 752, 2254, 4591  
Robins, Lee N. 1400  
Robinson, Alice M. 677  
Robinson, Franklin 260  
Robinson, John S. 4296  
Robinson, Halbert 4944  
Rock, Irvin 2082, 3435  
Rodnick, Eliot H. 629, 2109  
Roe, Anne 10, 2106, 3239  
Roessler, Robert 2743  
Roff, Merrill 2218  
Rogers, Carl R. 903, 2743, 3496  
Rogers, David 4479  
Rohrer, John H. 729  
Roizin, Leon 1665  
Rokeach, Milton 1885  
Romano, John 1901  
Romney, Kimball 3937  
Rosecrans, John A. 4511  
Rosen, Bernard C. 1495, 2283, 5589  
Rosen, George 2115, 3171  
Rosen, Joseph 123  
Rosenberg, Sheldon 1394  
Rosenblatt, Jay S. 3398  
Rosenblatt, Seymour 4824  
Rosenblith, Judy 2826  
Rosenblith, Walter A. 4737  
Rosenblum, Ira 5149  
Rosenfeld, Laura S. 2875  
Rosenzweig, Mark R. 1292  
Rosenzweig, Norman 1972  
Rosner, Burton S. 1530, 5286  
Ross, Alan O. 2177  
Ross, Arthur M. 9139  
Ross, Bruce M. 1357, 3196  
Ross, Golda Van Buskirk 1915  
Ross, Robert T. 1632  
Ross, Sherman 1604

Ross, William T. 1915  
 Rossi, Peter H. 4836  
 Roston, Sidney 2795  
 Rothenbuhler, Walter C. 3882, 7927  
 Rothney, John W. 1180  
 Rowe, John H. 4372  
 Rowland, Vernon 993, 5439, 6007  
 Royce, Joseph R. 2670  
 Rubinfeld, Seymour 1917  
 Rubin, Joan 4015  
 Rubinstein, Eli A. 2031  
 Ruesch, Jurgen 37, 534  
 Ruff, George E. 3014  
 Russell, Ian Steele 4815  
 Russell, Robert L. 4295  
 Rutschmann, Jakob 3616  
 Ryan, Philip E. 9121

## S

Sabshin, Melvin 5527  
 Sacchi, Ulrico. 3775  
 Sachar, Edward J. 4586  
 Sacks, William 789, 2096, 3666  
 Saenger, Gerhart S. 1426, 3522  
 Sakoda, James M. 814, 3621  
 Salisbury, Richard F. 4427, 4912  
 Salzinger, Kurt 2785, 4082, 4443, 4758, 4842, 7477  
 Samorajski, T. 3744, 4471, 4956  
 Sampson, Harold 9124  
 Samuels, Leo T. 451  
 Sander, Louis W. 3325  
 Sandifer, Myron G. 2360  
 Sandler, Jack 5450  
 Sandler, Merton 4859  
 Sanford, Nevitt 1195, 9181  
 Sanseigne, Alain 4253  
 Santos, John F. 715, 3924  
 Santostefano, Sebastian 3042  
 Saporta, Sol 2385  
 Sarason, Irwin G. 2397, 3889  
 Sarason, Seymour B. 712  
 Sarbin, Theodore R. 575  
 Saslow, George 735, 1107, 1938  
 Sassenrath, Julius M. 4918  
 Satter, George A. 563  
 Satterfield, James H. 4808  
 Saul, Leon J. 722  
 Saunders, John C. 2350, 3031  
 Sawrey, James M. 5287  
 Sawrey, William L. 930, 1820, 2776, 4704, 5287  
 Schachter, Joseph 2443  
 Schachter, Stanley 1992, 2584, 5203  
 Schaefer, Halmuth H. 3414, 4159  
 Schaefer, Theodore 3651  
 Schaefer, Roy 1700, 2468  
 Scharf, Bertram 3750, 4530  
 Scharlock, Donald P. 3552  
 Scheerer, Martin 4610  
 Scheibel, Arnold B. 3020  
 Scheier, Ivan H. 1733  
 Schenker, Victor J. 3647, 4588  
 Schiele, Burtrum C. 5106  
 Schiff, Herbert M. 622  
 Schild, Heinz 3561  
 Schleifer, Maxwell J. 1795, 9094  
 Schlossberg, Harold 2779  
 Schmidt, Carl F. 692  
 Schmidt, Hans 2755  
 Schneider, David N. 2013  
 Schneiderman, Edwin S. 1074  
 Schneirla, Theodore C. 1441, 1985  
 Schofield, William 4465  
 Schoggen, Phil H. 1513  
 Schottstaedt, William W. 1044  
 Schramm, Wilbur 9122

Schreiner, L. 730  
 Schrier, Allan M. 2818  
 Schubert, Margaret S. 5829  
 Schulman, Martin P. 1947, 4559  
 Schulman, Sidney 2130, 2744  
 Schumacher, George 1752  
 Schuster, Donald H. 2353  
 Schutz, Richard E. 2381  
 Schutz, William C. 1831, 2591, 3473  
 Schwartz, Fred 5547  
 Schwartz, Morris S. 493, 3100, 6822  
 Schwartzbaum, Jerome 4686  
 Schwarzweller, Harry K. 3912  
 Scott, Frances G. 2131  
 Scott, George T. 3408, 3903  
 Scott, John P. 123, 419, 522, 4412, 4481  
 Scott, William A. 1597  
 Scoville, William B. 2267  
 Sears, Robert R. 461, 5398, 9122  
 Seashore, Stanley E. 3615  
 Sechrest, Lee B. 2757  
 Secord, Paul F. 1892, 1927, 3620  
 Seeman, Julius 593, 707  
 Seever, M. H. 5320  
 Segundo, Jose P. 5183  
 Seidel, Robert J. 3994  
 Seitz, Philip F. 383, 489, 1187  
 Selkurt, Ewald 4815  
 Selvin, H. C. 4734  
 Serota, Herman 23  
 Shaffer, John 4479  
 Shagass, Charles 2635  
 Shaklee, Alfred B. 1527  
 Shakow, David 148, 637  
 Shanan, Joel 3498  
 Shanas, Ethel 5630  
 Shands, Harley C. 4408, 5518  
 Shannon, Donald T. 4881  
 Shapiro, Alvin P. 739  
 Shapiro, David 4209  
 Shapiro, Sam 9172  
 Sharp, Morris L. 3314  
 Shaw, Clifford R. 9030  
 Shaw, Evelyn 2322  
 Shaw, Merville C. 2843  
 Sheer, Daniel E. 766  
 Sheldon, Dana M. 5931  
 Sheldon, Eleanor B. 4589  
 Sheldon, Florence 4818  
 Shenkin, Henry A. 789  
 Shepherd, Michael 3561  
 Shepard, Thomas H. 1354  
 Sherman, J. Gilmour 5757  
 Shevrin, Howard 2257  
 Shideman, Frederick E. 4785  
 Shiffrin, Rae A. 637  
 Shirley, David A. 1239  
 Short, James F. 3301, 7158  
 Shotwell, Anna M. 585  
 Shuford, Emir H., Jr. 3103  
 Sibley, Willis E. 3348  
 Sidman, Murray 5408  
 Siegel, Alberta E. 3911  
 Siegel, Sidney 1328  
 Sievers, Dorothy J. 1490, 2693  
 Sigel, Irving E. 1747, 2983  
 Sills, David L. 2882, 3028  
 Silverman, Albert J. 2061  
 Silverstein, Sam 3570  
 Simmons, Ozzie G. 1627, 9059, 9167, 9182  
 Simon, Alexander 9145  
 Simon, Eric J. 4294  
 Simon, J. Richard 4262  
 Simonds, Paul E. 5050  
 Simpson, George E. 3837  
 Simpson, George M. 3031, 5333

Singer, Jerome L. 2279  
 Singer, Robert D. 4490  
 Singh, Sheo D. 5263  
 Sinha, Madan 835  
 Skard, Ase G. 1737  
 Skinner, Burrihus F. 977, 1711  
 Slaff, Bertram 2488  
 Slater, Philip E. 1402  
 Sloan, William 339  
 Small, Joyce S. 5554  
 Small, Leonard 342  
 Smith, Aaron 1191, 5951  
 Smith, Alfred A. 1434  
 Smith, Anthony J. 1715  
 Smith, Carl W. 4260  
 Smith, Charles P. 5301  
 Smith, Gene M. 987  
 Smith, Howard P. 2924  
 Smith, Jackson A. 1496, 2587, 2784  
 Smith, Karl U. 4469, 4785  
 Smith, Kathleen 4667, 5415  
 Smith, Maurice P. 3578  
 Smith, Paul K. 3694  
 Smith, Robert J. 3101  
 Smith, Ted C. 3348  
 Snapper, Arthur 3032  
 Snell, John E. 4586  
 Snyder, Charles R. 1289  
 Snyder, Laurence 2891  
 Soddy, Kenneth 4998  
 Sohler, Arthur 3690  
 Sokal, Robert R. 2356  
 Solem, Allen R. 2314  
 Solles, Robert C. 2798  
 Solley, Charles M. 715  
 Solomon, Harry C. 245, 595, 977  
 Solomon, Leonard 5353  
 Solomon, Philip 1955, 2057  
 Solomon, Richard L. 1246, 4202  
 Sontag, Lester W. 1260, 4464  
 Soskin, William F. 702, 3321  
 Sourkes, Theodore Lionel 3050  
 Spanner, Marvin 2676  
 Speisman, Joseph C. 2136  
 Spence, Donald P. 6025  
 Spence, Kenneth W. 312  
 Spencer, Katherine 1627  
 Spergel, Irving A. 4351  
 Sperry, Bessie 3246  
 Sperry, Roger W. 3372  
 Spicer, Edward Holland 4036  
 Spiegel, Ernest A. 372, 1011  
 Spiegel, John P. 971  
 Spiller, Bertram 4010  
 Spilman, Edra L. 2127, 2733  
 Spiro, Howard M. 3092  
 Spiro, Melford E. 2255  
 Spirtes, Morris A. 2362  
 Spitz, Herman M. 4533  
 Spivack, George 1934, 2724, 4041, 4531  
 Spradlin, Joseph 3987  
 Sprague, James M. 2028  
 Priestersbach, D. C. 1158  
 Sprince, Herbert 1015  
 Spring, Faye 1599  
 Spurr, Gerald B. 4440  
 Staats, Arthur W. 2381  
 Staats, Carolyn K. 2381  
 Stafford, John W. 1308, 1917, 3262  
 Stanley, Walter C. 4412  
 Stanton, Alfred H. 51  
 Star, Shirley A. 9053  
 Starkweather, John A. 2015, 3375  
 Staver, Nancy 3246  
 Stead, Eugene A. 2109  
 Stearns, A. Warren 110  
 Stebbins, William C. 2845

Stechler, Gerald 3325  
 Stegman, Erwin J. 2244  
 Stehouwer, Jan 5509  
 Stein, Marvin 998, 5550  
 Stein, Morris I. 726  
 Stein, William W. 4371  
 Steinbach, Richard A. 4663  
 Steinberg, Hannah 3313, 3561  
 Steiner, Ivan D. 2357, 4460  
 Steinschneider, Alfred 4605  
 Stellar, Eliot 747, 941, 2028, 3571  
 Stern, John A. 2755  
 Sternbach, Richard A. 4172, 5281  
 Sterritt, Graham M. 2633, 2776, 3578  
 Stevens, John D. 4552  
 Stevenson, Harold W. 1465, 2291, 3519  
 Stewart, Daniel K. 3793  
 Stewart, Donald D. 499  
 Stewart, Mark A. 5068  
 Stewart, Omar C. 9156  
 Stock, Dorothy 1048, 2304  
 (See also Whitaker)  
 Stoller, Robert J. 2840  
 Stolz, Lois M. 211  
 Stone, George C. 4139  
 Stone, I. Joseph 614  
 Storrow, Hugh A. 2676  
 Stotland, Ezra 2423, 5473  
 Stouffer, Samule A. 1402, 1908  
 Strassmann, George 710  
 Straus, Murray A. 4060  
 Straus, Robert 4014  
 Streamer, Charles W. 3163  
 Streib, Gordon F. 1196  
 Strickland, Lloyd H. 5153  
 Strodbeck, Fred L. 2202  
 Stross, Lawrence 2257  
 Strupp, Hans H. 2171, 4001  
 Stryker, Sheldon 2821  
 Stunkard, Albert J. 3684  
 Sturgis, Somers H. 2484  
 Sudak, Frederick N. 5140  
 Sugano, Hisanobu 4476  
 Sullivan, Paul D. 4663  
 Summerfield, Arthur 3313  
 Sundberg, Norman D. 2825  
 Sussman, Marvin B. 1592  
 Surplis, William R. P. 4667  
 Sutcliffe, John P. 3950  
 Sutherland, Arthur 884, 1118  
 Sutherland, Betty S. 1175  
 Sutton, Samuel 586, 1541, 2783, 4759, 5051, 7478  
 Swanson, Guy E. 564  
 Sweet, William H. 161  
 Szasz, Thomas S. 5706  
 Szurek, Stanislaus 2032

## T

Takemori, Akira 3897  
 Taketomo, Yasuhiko 1629  
 Talland, George A. 3966, 4889  
 Tannebaum, Percy H. 1540  
 Tarjan, George 585, 9130  
 Taylor, Howard C., Jr. 744  
 Taylor, Janet A. 2039  
 Tedeschi, Cesare G. 4276  
 Teghtsoonian, Robert 3359  
 Teichner, Warren H. 4201  
 Teitelbaum, Philip 2114  
 Terrell, Glenn 1505, 2063  
 Terwilliger, Robert F. 5111  
 Teuber, Hans-Lukas 3347, 5673  
 Thomas, Alexander 2805, 3614, 4907  
 Thomas, David R. 4203  
 Thomas, Dorothy S. 4486, 5375

Thomas, Garth J. 694, 1370  
 Thompson, Robert Q. 1516  
 Thompson, Wayne E. 1196  
 Thomson, Calvin Wells 3541  
 Thorpe, Joseph S. 3223  
 Thulinc, Horace C. 5484  
 Thurstone, L. L. 503  
 Thurstone, Thelma Gwinn 503  
 Tidd, Charles W. 2570  
 Tiller, Per O. 4547  
 Tisza, Veronica B. 1415  
 Titchener, James L. 999, 1957, 2534  
 Tobach, Ethel 1441, 1985  
 Tobin, Joseph M. 3690, 4229  
 Tobin, Michael 5410  
 Todd, Frederick J. 3848, 4977  
 Tolley, Granville 1870  
 Tolor, Alexander 5088  
 Toma, Stephan 1833  
 Toman, James E. 1422, 3775, 3898, 4545, 5503  
 Tomkins, Sylvan S. 2722, 4685  
 Torres, Fernando 2492  
 Tourney, Garfield 2950  
 Towne, Jack C. 3651  
 Townsend, Peter B. 5511  
 Trent, Richard 9175  
 Triandis, Harry C. 4033  
 Triandis, Leigh M. 2331, 4033  
 Trosman, Harry 2390, 4151  
 Trow, Donald B. 2389  
 Truax, Charles B. 5496  
 Truitt, Edward B. 4012  
 Trulson, M. F. 611  
 Tryon, Robert C. 3811  
 Tuchmann-Duplessis, H. 4008  
 Tuma, A. H. 4589  
 Tumin, Melvin M. 810  
 Tunturi, Archie R. 4234  
 Turner, Lucille 1246  
 Turner, William J. 5096  
 Tursky, Bernard 4172  
 Tuttle, Alexander J. 1928  
 Tye, Arthur 2929  
 Tyler, Bonnie 1137  
 Tyler, Forrest B. 1137  
 Tyler, Frank H. 655  
 Tyler, Leona E. 2870

## U

Ueki, Showa 4476  
 Uhl, Charles N. 4894  
 Uhle, Frederick C. 2029  
 Uhlenhuth, Eberhard H. 3741, 4732  
 Uhr, Leonard M. 3037, 5254, 5597  
 Ulett, George A. 560, 752, 1369, 2755, 2823, 4667, 7071  
 Ullman, Leonard 2458  
 Usdin, Earl 2576, 4957

## V

Valenstein, Elliot S. 4529  
 Van Amerongen, Suzanne T. 1795, 9094  
 Van Breemen, Verne L. 3603  
 Van Der Kloot, William G. 2172  
 Vanderplas, James M. 4237  
 Van Der Veldt, Albert 3773, 5909  
 Vasques, Mario 1566  
 Veith, Ilza 1563  
 Veroff, Joseph 2181  
 Vester, John W. 2547  
 Vestergaard, Per 855, 1953  
 Vidich, Arthur J. 3429  
 Vinter, Robert D. 1332, 2104  
 Vogel, Ezra F. 5903

Vogel, Suzanne H. 5903  
 Vogin, Eugene E. 4511  
 Vogt, Evon Z. 1929, 2100  
 Von Brauchitsch, Hans 1972  
 Vonholt, Henry W., Jr. 2034  
 Voss, James F. 1476, 3531, 8291  
 Voth, Harold M. 4401

## W

Waelsh, Heinrich B. 2412, 4083  
 Wagatsuma, Hiroshi 4087  
 Wagley, Charles W. 4055  
 Waisman, Harry A. 2730, 3699, 5048  
 Walaszek, Edward J. 1902  
 Wald, Niel 4587  
 Waldfogel, Samuel 661  
 Waldrop, William F. 2270, 3514  
 Walker, Edward L. 4239  
 Walker, Harry J. 1080  
 Wall, Patrick D. 389  
 Wallace, Anthony F. 883, 1106  
 Wallach, Michael A. 2269  
 Wallerstein, Robert 1811  
 Walters, Guy M. 4803  
 Wapner, Seymour 348, 2262  
 Ward, Arthur A., Jr. 205  
 Warkany, Josef 1175  
 Warren, John M. 835, 1364, 1895, 3396, 4726  
 Warren, Neil D. 402  
 Warshaw, Leon J. 2225, 2922  
 Washburn, Sherwood 5050  
 Watkins, Charles 2408  
 Watson, James B. 4377  
 Watson, Jeanne 891  
 Watson, Peter D. 4172  
 Watson, Roger E. 316  
 Waxman, Bruce D. 1928  
 Weaver, Lelon A. 1752  
 Webb, Warren W. 1685, 2368, 2735  
 Webb, Wilse 3881  
 Wechsler, Henry 3314  
 Wechsler, Magdalena (Berger) 1841  
 Weckroth, Johan E. 3595  
 Weiland, I. Hyman 3890  
 Weinberg, Jack M. 382  
 Weiner, Harold 5600  
 Weiner, Herbert 5258  
 Weinreb, Joseph 1821  
 Weinstein, Sidney 3166  
 Weinstock, Solomon 2286, 3342  
 Weiss, Bernard 3229  
 Weiss, James M. 1252  
 Weiss, Robert F. 4523  
 Weiss, Walter 1351  
 Weitzman, Elliot D. 4961  
 Weitzenhoffer, Andre M. 2896  
 Welker, Wallace I. 2786  
 Weller, Leonard 4800  
 Wenar, Charles 823, 2546, 4652, 5044  
 Wendt, George R. 681, 4681  
 Wenger, Marion A. 788, 1281  
 Wenkert, Ernest 1301, 5815  
 Wepman, Joseph M. 1849, 1876  
 Weiboff, Jack 4412  
 Wermer, Henry 2134  
 Werner, Heinz 348, 3853  
 West, Charles D. 2530  
 West, Edward S. 2263  
 West, Louis J. 1044  
 Westerfield, W. W. 1947  
 Westfall, Bertis A. 4295  
 Westheimer, Gerald 3034  
 Wexler, Milton 2719  
 Whatley, Charles D. 5220  
 Wheatley, David P. 4135

Whitaker, Dorothy (Stock) 6027  
 (See also Stock)  
 White, Abraham 2562  
 White, James C. 161  
 White, Lowell E., Jr. 2895  
 White, Martha S. 836  
 White, Mary Alice 2090  
 White, Sheldon H. 3639  
 Whitehorn, John C. 1085  
 Whitehouse, James M. 2633  
 Whiting, John W. 844, 1096, 2500  
 Whitman, Roy M. 1048, 2304, 3033  
 Whitten, Norman E., Jr. 5447  
 Whittier, John R. 3075, 3501, 3993  
 Whittington, Horace G. 3768  
 Whyte, William F. 4844  
 Wiener, Morton 2568, 3860  
 Wiesner, Jerome B. 4737  
 Wiggins, Jerry S. 2215, 2745, 5395, 7042  
 Wike, Edward L. 1967, 5196  
 Wilber, Charles G. 3235  
 Wilcott, Robert C. 1494, 2318, 2603, 4848  
 Wilcox, Jack E. 622  
 Wilder, Charles 2029  
 Wilensky, Harold L. 2209  
 Wilkerson, Hugh 4818  
 Willerman, Ben 4160  
 Williams, Carl D. 5450  
 Williams, Harry S. 875, 1666  
 Williams, James H. 1294  
 Willner, Allen E. 4610  
 Williams, Ruth M. 9165  
 Wilson, Kellogg V. 3291, 4706  
 Wilson, Martha 4472  
 Wilson, William A. 2908, 4472  
 Wilson, William P. 1203, 2594, 2698  
 Winch, Robert F. 439

Winder, C. Leland 2745  
 Winick, William 1015  
 Winitz, Harris 3987  
 Winsor, Charlotte B. 9135  
 Wirt, Robert D. 1151  
 Wischnor, George J. 1290  
 Wishner, Julius 4211  
 Withey, Stephen 1648, 1780, 9109,  
 Witkin, H. A. 628  
 Witte, Robert S. 2848  
 Wittenborn, John R. 2093, 2525, 3008  
 Wittkower, E. D. 2151  
 Wittman, Phyllis 165  
 Wittson, Cecil L. 2587, 2784, 5075  
 Wolf, Abner 91  
 Wolf, Irvin S. 2372  
 Wolf, Stewart G. 1044  
 Wolfe, John B. 4988  
 Wolff, Harold G. 1531  
 Wolff, Peter H. 1197, 6034  
 Wolfrom, Melville L. 1637  
 Wolman, Irving J. 4267  
 Woodhill, Barnes 2109  
 Woods, Paul 2883  
 Woolley, D. W. 1697  
 Worchel, Philip 1721  
 Worden, Frederic G. 1169, 2411, 3831  
 Worthen, Leonard R. 3319  
 Wortis, Bernard 1434  
 Wortis, Joseph 2679  
 Wright, Herbert F. 1098  
 Wunderlich, Richard A. 5691  
 Wyatt, Gertrud L. 2667  
 Wyckoff, L. Benjamin 1348  
 Wylie, Ruth C. 1822  
 Wynne, Ronald D. 5984

## Y

Yannet, Herman 4872  
 Yarrow, Leon J. 9077  
 Yasunobu, Kerry I. 2891  
 Yim, George K. W. 2405  
 Young, Frank W. 3740, 5625  
 Young, Leontine 4763  
 Young, M. Wharton 986  
 Young, William C. 504, 4648  
 Youngken, Heber W. 3319, 4435  
 Youniss, James E. 5793  
 Yrarrazaval, Sergio 5183  
 Yuwiler, Arthur 4567, 7293

## Z

Zamansky, Harold S. 3750, 4530  
 Zander, Alvin F. 325, 701  
 Zborowski, Mark 453  
 Zeaman, David 1099  
 Zeigler, H. Philip 5214  
 Zeman, Wolfgang 1630, 1639  
 Zenner, Walter P. 4184  
 Zetzel, Elizabeth 2134  
 Ziegler, Frederick 4479  
 Zigler, Edward F. 3945  
 Zimet, Carl 1700, 3642  
 Zimmerman, Donald W. 2529  
 Zimmerman, Kent 1483  
 Zimmermann, Henry J. 4737  
 Zimmermann, Robert 4355, 4516  
 Zolik, Edwin 4030  
 Zubin, Joseph 586, 1440, 1541, 2775, 2783, 2785, 3444, 3546, 4443, 4758, 4759, 4842, 5051, 7477, 7478, 9146  
 Zuckerman, Marvin 2355, 3204, 4847, 6875

- MH-1 (R01) KELLOGG, WINTHROP N.: Basic nature of the learning process. Indiana University, Bloomington, Ind. (1947-48)
- KELLOGG, W. N.: Conditioning of the two body sides after hemidecortication. *American Psychologist*, 3:237, 1948.
- KELLOGG, W. N.: The effect of unilateral damage to the cerebral cortex upon previously established conditioned responses. (Abstract) *American Psychologist*, 4(7):219, 1949.
- KELLOGG, W. N.: Locomotor and other disturbances following hemidecortication in the dog. *Journal of Comparative and Physiological Psychology*, 42:506-516, 1949.
- MH-6 (R01) BARKER, ROGER G.: Environmental influence on behavior of children. University of Kansas, Lawrence, Kans. (1947-53)
- BARKER, R. G., and BARKER, LOUISE S.: Personalities need balancing. In: *Childcraft*, Vol. 14. Chicago, Field Enterprises, 1954, p. 32-44.
- BARKER, R. G., SCHOGGEN, MAXINE, and BARKER, LOUISE S.: Hemerography of Mary Ennis. In: Burton, A., and Harris, R. E., eds. *Clinical studies of personality*. New York, Harper & Bros., 1955, p. 768-808.
- BARKER, R. G., and WRIGHT, H. F.: Psychological ecology and the problem of psychosocial development. *Child Development*, 20:131-143, 1949.
- BARKER, R. G., and WRIGHT, H. F.: One boy's day. New York, Harper Bros., 1951, 435 p.
- BARKER, R. G., and WRIGHT, H. F.: The psychological habitat of Raymond Birch. In: Rohrer, J. H., and Sherif, M., eds. *Social psychology at the crossroads*. New York, Harper & Bros., 1951, p. 196-212.
- BARKER, R. G., and WRIGHT, H. F.: Midwest and its children. Evanston, Ill. Row, Peterson & Co., 1955, 532 p.
- BARKER, R. G., WRIGHT, H. F., and KOPPE, W. A.: The psychological ecology of a small town. In: Dennis, W., ed. *Readings in child psychology*. New York, Prentice-Hall, 1951, p. 552-566.
- BARKER, R. G., WRIGHT, H. F., NALL, J., and SCHOGGEN, P.: There is no class bias in our school. *Progressive Education*, 27:106-110, 1950.
- WRIGHT, H. F., and BARKER, R. G.: Methods in psychological ecology. Lawrence, Kansas, University of Kansas, Department of Psychology, 1950.
- WRIGHT, H. F., and BARKER, R. G.: The elementary school does not stand alone. *Progressive Education*, 27:133-137, 1950.
- WRIGHT, H. F., BARKER, R. G., KOPPE, W. A., MEYERSON, BEVERLY, and NALL, J.: Children at home in Midwest. *Progressive Education*, 28:137-143, 1951.
- WRIGHT, H. F., BARKER, R. G., NALL, J., and SCHOGGEN, P.: Psychological ecology of the classroom. *Journal of Educational Research*, 45:187-202, 1951.
- WRIGHT, H. F., BARKER, R. G., NALL, J., and SCHOGGEN, P.: Toward a psychological ecology of the classroom. In: Coladarci, A. P., ed. *Readings in educational psychology*. New York, Holt, Rinehart & Winston, 1955, p. 254-268.
- MH-10 (R01) ROE, ANNE: Personality characteristics of eminent scientists, individual. New Haven, Conn. (1947-53)
- ROE, ANNE: Psychological examinations of eminent biologists. *Journal of Consulting Psychology*, 13: 225-246, 1949.
- ROE, ANNE: Analysis of group Rorschachs of physical scientists. *Journal of Projective Techniques*, 14:385-398, 1950.
- ROE, ANNE: A psychological study of physical scientists. *Genetic Psychology Monographs*, 43:121-239, 1951.
- ROE, ANNE: Psychological tests of research scientists. *J. of Consulting Psychology*, 15:492-495, 1951.
- ROE, ANNE: A study of imagery in research scientists. *Journal of Personality*, 19:459-470, 1951.
- ROE, ANNE: A psychological study of eminent biologists. *Psychological Monographs*, 65(14):1-68, 1951. (Whole No. 331).
- ROE, ANNE: Two Rorschach scoring techniques: The inspection technique and the basic Rorschach. *Journal of Abnormal and Social Psychology*, 47: 263-264, 1952.
- ROE, ANNE: Group Rorschachs of university faculties. *Journal of Consulting Psychology*, 16:18-22, 1952.
- ROE, ANNE: Analysis of group Rorschachs of psychologists and anthropologists. *Journal of Projective Techniques*, 16:212-224, 1952.
- ROE, ANNE: Freedom: The greatest need of the scientist. *Everybody's Digest*, 18(5):4-8, 1953.
- ROE, ANNE: The making of a scientist. New York, Dodd, Mead, 1953, 244 p.
- ROE, ANNE: A psychological study of eminent psychologists and anthropologists, and a comparison with biological and physical scientists. *Psychological Monographs*, 67(2):1-55, 1953. (Whole No. 352).
- ROE, ANNE: A psychologist examines 64 eminent scientists. *Scientific American*, 187(5):4-8, 1953.



- ROE, ANNE: Analysis of group Rorschachs of biologists. *Journal of Projective Techniques*, 13:25-43, 1959.
- MH-14 (R01) HUSTON, PAUL E., and GOTTLIEB, JACQUES S.: Psychological research on schizophrenia and depression. State Univ. of Iowa, Iowa City, Iowa. (1947-53)
- COHEN, B. D., SENF, RITA, and HUSTON, PAUL E.: Effect of amobarbital (Amytal) and effect on conceptual thinking in schizophrenia, depression, and neurosis. *Archives of Neurology and Psychiatry*, 71:171-180, 1954.
- HUSTON, PAUL E., COHEN, B. D., and SENF, RITA: Shifting of set and goal orientation in schizophrenia. *Journal of Mental Science*, 101:344-350, 1955.
- HUSTON, PAUL E., and SENF, RITA: Psychopathology of schizophrenia and depression. I. Effect of Amytal and amphetamine sulfate on level and maintenance of attention. *American Journal of Psychiatry*, 109:131-138, 1952.
- HUSTON, PAUL E., SENF, RITA, and COHEN, B. D.: The use of comic cartoons for the study of social comprehension in schizophrenia. *American Journal of Psychiatry*, 113(1):45-51, 1956.
- HUSTON, PAUL E., SENF, RITA, and COHEN, B. D.: Perceptual accuracy in schizophrenia, depression and neurosis and effects of Amytal. *Journal of Abnormal and Social Psychology*, 52(3):363-367, 1956.
- SENF, RITA, HUSTON, PAUL E., and COHEN, B. D.: Thinking deficit in schizophrenia and changes with Amytal. *Journal of Abnormal and Social Psychology*, 50:383-387, 1955.
- MH-16 (R01) MASSERMAN, JULES H.: Neurophysiology of experimental neuroses. Northwestern University, Chicago, Ill. (1947-51)
- Effects of direct interrupted electroshock on experimental neuroses, 1950. 16mm, 16 min., silent, black and white, produced by Masserman, Jules H., Pechtel, C., Arieff, A., Klehr, H., & Greene, S., distributed by Psychological Cinema.
- Experimental neuroses in monkeys, 1951. 16mm, 16 min., silent, black and white, produced by Masserman, Jules H., & Pechtel, C., distributed by Psychological Cinema.
- MASSERMAN, JULES H.: Experimental approaches to psychodynamic problems. *Journal of Mount Sinai Hospital*, 19:639-652, 1953.
- MASSERMAN, JULES H.: Conflict-engendered neurotic and psychotic behavior monkeys. *Journal of Nervous and Mental Disease*, 118:408-411, 1953.
- MASSERMAN, JULES H., ARIEFF, A., PECHTEL, C., and KLEHR, H.: Effects of direct interrupted electroshock on experimental neuroses. *Journal of Nervous and Mental Disease*, 112:384-392, 1950.
- MASSERMAN, JULES H., and JACQUES, MARY G.: Effects of cerebral electroshock on experimental neuroses in cats. *American Journal of Psychiatry*, 104:92-99, 1947.
- MASSERMAN, JULES H., and JACQUES, MARY GRIER: Experimental masochism. *Archives of Neurology and Psychiatry*, 60:402-404, 1948.
- MASSERMAN, JULES H., and PECHTEL, C.: Neuroses in monkeys: A preliminary report of experimental observations. *Annals of the New York Academy of Sciences*, 56(2):253-265, 1953.
- PECHTEL, C., MASSERMAN, JULES H., SCHREINER, L., and LEVITT, M.: Differential effects of lesions of the mediodorsal nuclei of the thalamus on the normal and neurotic behavior of the cat. *Journal of Nervous and Mental Disease*, 121:26-33, 1955.
- MH-31 (R01) BRENNAN, MARGARET: Hypnosis and its use in psychotherapy. Menninger Foundation, Topeka, Kans. (1947-48) (Continued as MH-163).
- BRENNAN, MARGARET: The phenomena of hypnosis. In: *Problems of consciousness*, Transactions of the first conference, March 20-21, 1950. New York, Josiah Macy Jr. Foundation, 1951, p. 123-163. (Also acknowledges MH-163).
- BRENNAN, MARGARET: On teasing and being teased: And the problem of "moral masochism". *Psychoanalytic Study of the Child*, 7:264-284, 1952. (Also acknowledges MH-163).
- BRENNAN, MARGARET: Dreams and hypnosis. *Psychoanalytic Quarterly*, 18:455-465, 1949. Also in: Austin Riggs Center. *Psychoanalytic psychiatry and psychology. Clinical and theoretical papers*. Vol. 1. New York, International Universities Press, 1954, p. 321-329. (Also acknowledges MH-163).
- BRENNAN, MARGARET, DARROW, CHESTER W., HENRY, CHARLES E., and GILL, MERTON M.: Inter-area electroencephalographic relationships affected by hypnosis. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 2:231, 1950. (Also acknowledges MH-163).
- BRENNAN, MARGARET, GILL, M., and KNIGHT, R. P.: Spontaneous fluctuations in depth of hypnosis and their implications for ego function. *International Journal of Psycho-Analysis*, 33:22-33, 1952. Also in: Austin Riggs Center, *Psychoanalytic psychiatry and psychology. Clinical and theoretical papers*. Vol. 1. New York, International Universities Press, 1954, p. 330-350. (Also acknowledges MH-163).
- BRENNAN, MARGARET, and KNIGHT, ROBERT P.: A note on the indications for the use of hypnosis in psychotherapy: An illustrative case report.

- Bulletin of the Menninger Clinic*, 12:49-56, 1948. (Also acknowledges MH-163).
- EHRENREICH, GERALD A.: The relationship of certain descriptive factors to hypnotizability. In: *Transactions of the Kansas Academy of Sciences*, Kansas City, 52(1):1949, 4 p. (Also acknowledges MH-163).
- GILL, MERTON, M.: Ego psychology and psychotherapy. *Psychoanalytic Quarterly*, 20:62-71, 1951. (Also acknowledges MH-163).
- MH-22 (R01) ALEXANDER, FRANZ, BENEDEK, THERESE, and FRENCH, THOMAS M.: Emotional factors in diabetes mellitus. Institute for Psychoanalysis, Chicago, Ill. (1947-53)
- BENEDEK, THERESE: An approach to the study of the diabetic. *Psychosomatic Medicine*, 10:284-1948.
- BENEDEK, THERESE: Toward the biology of the depressive constellation. *Journal of the American Psychoanalytical Association*, 4:389-427, 1956.
- MH-23 (R01) ALEXANDER, FRANZ, FRENCH, THOMAS M., JOHNSON, ADELAIDE M., and SEROTA, HERMAN: Emotional factors in atrophic arthritis. Institute for Psychoanalysis, Chicago, Ill. (1947-53)
- GOTTSCHALK, LOUIS A., SEROTA, HERMAN M., and ROMAN, KLARA GOLDZIEHER: Handwriting in rheumatoid arthritis. *Psychosomatic Medicine*, 11:354-360, 1949.
- GOTTSCHALK, LOUIS A., SEROTA, HERMAN M., and SHAPIRO, LOUIS B.: Psychologic conflict and neuromuscular tension. I. Preliminary report on a method, as applied to rheumatoid arthritis. *Psychosomatic Medicine*, 12:315-319, 1950.
- JOHNSON, ADELAIDE, SHAPIRO, LOUIS B., and ALEXANDER, FRANZ: Preliminary report on a psychosomatic study of rheumatoid arthritis. *Psychosomatic Medicine*, 9:295-300, 1947.
- PORTEUS, S. D., and CHING, H. T.: Research with feeble-minded. *Hawaii Medical Journal*, 18:491-493, 1959.
- MH-25 (R01) KLEIN, GEORGE S., GARDNER, RILEY W., and MURPHY, GARDNER: Relation of perceptual functioning to personality. Menninger Foundation, Topeka, Kans. (1948-55)
- BRUNER, J. S., and KLEIN, G. S.: The functions of perceiving: New look retrospect. In: Wapner, S and Kaplan B., eds. *Perspectives in psychologic theory*. New York, International University Press, 1960, p. 61-77.
- GARDNER, R. W.: Cognitive style in categorizing behavior. *Journal of Personality*, 22:21-233, 1953.
- GARDNER, R. W., HOLZMAN, P. S., KLEIN, G. S., LINTON, HARRIET, and SPENCE, D. P.: Cognitive control: A study of individual consistencies in cognitive behavior. *Psychological Issues*, 1(4):1-185, 1959. (Also acknowledges MH-1182).
- HOLT, R. R.: Cognitive controls and primary processes. *Journal of Psychological Researches*, 4:1-8, 1960.
- HOLZMAN, P. S.: The relation of assimilation tendencies in visual, auditory, and kinesthetic time-error to cognitive attitudes of leveling and sharpening. *Journal of Personality*, 22:375-394, 1954.
- HOLZMAN, P. S., and KLEIN, G. S.: The schematizing process: Personality qualities and perceptual attitudes in sensitivity to change. (Abstract) *American Psychologist*, 5:312, 1950.
- HOLZMAN, P. S., and KLEIN, G. S.: Cognitive system-principles of leveling and sharpening: Individual differences in assimilation effects in visual time-error. *Journal of Psychology*, 37:105-122, 1954.
- HOLZMAN, P. S., and KLEIN, G. S.: Motive and style in reality contact. *Bulletin of the Menninger Clinic*, 20:181-191, 1956.
- HOLZMAN, PHILIP S., and KLEIN, G. S.: Intersensory and visual field forces in size estimation. *Perceptual and Motor Skills*, 6:37-41, 1956.
- KAPLAN, J. M.: Predicting memory behavior from cognitive attitudes toward instability. (Abstract) *American Psychologist*, 7:322, 1952.
- KLEIN, G. S.: Adaptive properties of sensory functioning: Some postulates and hypotheses. *Bulletin of the Menninger Clinic*, 13:16-23, 1949.
- KLEIN, G. S.: A clinical perspective for personality research. *Journal of Abnormal and Social Psychology*, 44:42-49, 1949.
- KLEIN, G. S.: The personal world through perception. In: Blake, R. R., and Ramsey, G. G., eds. *Perception: An approach to personality*. New York, Ronald Press, 1951, p. 328-355.
- KLEIN, GEORGE S.: The Menninger Foundation research on perception and personality, 1947-1952: A review. *Bulletin of the Menninger Clinic*, 17:93-99, 1953.
- KLEIN, G. S.: Need and regulation. In: Jones, Marshall R., ed. *Nebraska symposium on motivation*. Lincoln, Nebr., University of Nebraska Press, 1954, p. 224-274.
- KLEIN, G. S.: Perception, motives, and personality: A clinical perspective. In: McCary, J. L., ed. *Psychology of personality*. New York, Logos Press, 1956, p. 121-129.
- KLEIN, G. S.: Review of "The actual-genetic model of perception-personality" by U. H. Kragh. *Contemporary Psychology*, 2:63-66, 1957.

- KLEIN, G. S.: Cognitive control and motivation. In: Lindzey, G., ed. *Assessment of human motives*. New York, Rinehart, 1958, p. 87-118. (Also acknowledges MH-782).
- KLEIN, G. S., GARDNER, R. W., and SCHLESINGER, H. J.: Tolerance for unrealistic experiences: A study of the generality of a cognitive control. *British Journal of Psychology*, 53:41-55, 1962. (Also acknowledges MH-2454).
- KLEIN, G. S., HOLZMAN, P. S., and LASKIN, D.: The perception project: Progress report for 1953-54. *Bulletin of the Menninger Clinic*, 18:260-266, 1954.
- KLEIN, G. S., and KRECH, D.: The problem and its theory. *Journal of Personality*, 20:2-23, 1951.
- KLEIN, G. S., and KRECH, D.: Cortical conductivity in the brain-injured. *Journal of Personality*, 21:118-148, 1952.
- KLEIN, G. S., and SCHLESINGER, H.: Where is the perceiver in perceptual theory? *Journal of Personality*, 18:32-47, 1949.
- KLEIN, G. S., and SCHLESINGER, H. J.: Perceptual attitudes toward instability: I. Prediction of apparent movement experiences from Rorschach responses. *Journal of Personality*, 19:289-302, 1951.
- KLEIN, G. S., SCHLESINGER, H. J., and MEISTER, D. E.: The effect of personal values on perception: An experimental critique. *Psychological Review*, 58:96-112, 1951.
- KRECH, D., and KLEIN, G. S., eds.: *Theoretical models and personality theory*. Durham, North Carolina, Duke University Press, 1952.
- LOOMIS, H., and MOSKOWITZ, S.: Cognitive style and stimulus ambiguity. *Journal of Personality*, 26:349-364, 1958.
- RAMSEY, G. G., KLEIN, G. S., and HOLZMAN, P. S.: The schematizing process: Perceptual attitudes of "leveling" and "sharpening" in response to change. (Abstract) *American Psychologist*, 6:257, 1951.
- SCHLESINGER, HERBERT J.: Cognitive attitudes in relation to susceptibility to interference. *Journal of Personality*, 22:354-374, 1954.
- SMITH, G. W., and KLEIN, G. S.: Cognitive controls in serial behavior patterns. *Journal of Personality*, 22:188-213, 1953.
- MH-27 (R01) LEITCH, EUNICE M., and ESCALONA, SYBILLE K.: Early phases of personality development. Menninger Foundation, Topeka, Kans. (1947-51)
- BRODY, SYLVIA: *Patterns of mothering*. New York, International Universities Press, 1956. 446 p.
- ESCALONA, S. K.: The psychological situation of mother and child upon return from the hospital. In: Senn, Milton J. E., ed., *Problems of infancy and childhood*. New York, Josiah Macy, Jr. Foundation, 1949, p. 30-51.
- ESCALONA, S. K.: Emotional development during the first year of life. In: Senn, Milton J. E., ed. *Problems of infancy and childhood*. New York, Josiah Macy, Jr. Foundation, 1953, p. 11-92.
- ESCALONA, S. K.: The case of Jerry. In: Soddy, Kenneth, ed. *Mental health and infant development*. Proceedings of the International Seminars held by the World Federation for Mental Health at Chichester, England. Vol. 2. London, Routledge & Kegan Paul, 1955, p. 128-170.
- ESCALONA, S. K.: The study of individual differences and the problem of state. *Journal of the American Academy of Child Psychiatry*, 1:11-37, 1962.
- ESCALONA, S. K.: Patterns of infantile experience and the developmental process. *Psychoanalytic Study of the Child*, 18:197-244, 1963.
- ESCALONA, S. K., and BERGMAN, PAUL: Unusual sensitivities in very young children. *Psychoanalytic Study of the Child*, 3/4:333-352, 1949.
- ESCALONA, S. K., and HEIDER, GRACE: Prediction and outcome: A study of child development. New York, Basic Books, 1959. 318 p. (Also acknowledges MH-680).
- ESCALONA, S. K., and LEITCH, MARY: Early phases of personality development: A non-normative study of infant behavior. *Monographs of the Society for Research in Child Development*, 17(1):1-7, 1952. (Serial No. 54).
- ESCALONA, S. K., and MORIARTY, ALICE: Prediction of schoolage intelligence from infant tests. *Child Development*, 32:597-605, 1961.
- LEITCH, MARY, and ESCALONA, S. K.: The reaction of infants to stress. *Psychoanalytic Study of the Child*, 3/4:121-140, 1949.
- MURPHY, LOIS B.: The widening world of childhood: Paths toward mastery. New York, Basic Books, 1962. 399 p. (Also acknowledges MH-680).
- MH-37 (R01) RUESCH, JURGEN, and BOWMAN, KARL M.: Nonverbal communication in psychotherapy. California, University of San Francisco, Calif. (1948-53)
- RUESCH, JURGEN: Part and whole: The sociopsychological and psychosomatic approach to disease. *Dialectica (Switzerland)*, 5:99-125, 1951.
- RUESCH, J.: *Disturbed communication*. New York, Norton, 1957. 337 p. (Also acknowledges MH-534).
- RUESCH, J., and BATESON, G.: Structure and process in social relations. *Psychiatry*, 12:105-124, 1951.
- RUESCH, JURGEN, and BATESON, GREGORY: *Communication: The social matrix of psychiatry*. New York, Norton, 1951. 314 p.

- RUESCH, J., and PRESTWOOD, A. R.: Anxiety, its initiation, communication, and interpersonal management. *Archives of Neurology and Psychiatry*, 62:527-550, 1949.
- RUESCH, J., and PRESTWOOD, A. RODNEY: Interaction processes and personal codification. *Journal of Personality*, 18:391-430, 1950.
- RUESCH, JURGEN, and PRESTWOOD, RODNEY: Communication and bodily disease: A study of vasospastic conditions. In: Wolf, Harold G., Wolf, Steward G., Jr., and Hare, Clarence C. Life stress and bodily disease. Vol. 29. Baltimore, Williams & Wilkins, 1950, p. 211-230.
- MH-38 (R01) FORSTER, FRANCIS M.: Role of acetylcholine in convulsive seizures. Jefferson Medical College of Philadelphia, Philadelphia, Pa. (1947-49)
- BERRY, RICHARD G., and FORSTER, FRANCIS M.: Cerebral cortical effects of curare. (Abstract) *Federation Proceedings*, 7:7, 1948.
- FORSTER, FRANCIS M.: Critical evaluation of the possible role of acetylcholine in epilepsy. *Journal of Neuropathology and Clinical Neurology*, 1:98, 1951.
- FORSTER, F. M., and MADOW, LEO: EEG studies in sensory induced seizures. (Abstract) *Diseases of the Nervous System*, 9(5):158-159, 1948.
- FORSTER, FRANCIS M., and MADOW, LEO: Metrazol activation of acetylcholine treated cerebral cortex. *American Journal of Physiology*, 161:426-429, 1950.
- FORSTER, F. M., and MADOW, LEO: Experimental sensory induced seizures. *American Journal of Physiology*, 161:430-434, 1950.
- MH-39 (R01) PUTNAM, MARIAN C., KAPLAN, SAMUEL, and RANK, BEATA: Severe emotional disturbances in preschool children. James Jackson Putnam Children's Center, Boston, Mass. (1947-59)
- BROWN, JANET L.: Prognosis from presenting symptoms of preschool children with atypical development. *American Journal of Orthopsychiatry*, 30(2):382-390, 1960.
- GATES, PHILLIP H.: Etiology and treatment of atypical development in children (childhood psychosis). In: Bowman, P. W., and Mautner, H. V., ed. *Mental retardation*. New York, Grune & Stratton, 1959, p. 493-504.
- KAPLAN, SAMUEL: Childhood schizophrenia round table, 1953. *American Journal of Orthopsychiatry*, 24(3):521-523, 1954.
- PAVENSTEDT, ELEANOR, and ANDERSEN, IRENE: Complementary treatment of mother and child with atypical development, Workshop, 1951.
- American Journal of Orthopsychiatry*, 22(3):607-641, 1952.
- PUTNAM, MARIAN C.: Some observations on psychosis in early childhood. In: Caplan, Gerald, ed. *Emotional problems of early childhood*. New York, Basic Books, 1955, p. 519-524.
- RANK, BEATA: Adaptation of the psychoanalytic technique for the treatment of young children with atypical development. *American Journal of Orthopsychiatry*, 19(1):130-139, 1949.
- RANK, BEATA: Intensive study and treatment of pre-school children who show marked personality deviations. In: Caplan, Gerald, ed. *Emotional problems of early childhood*. New York, Basic Books, 1955, p. 491-492.
- RANK, BEATA, and KAPLAN, SAMUEL: A case of pseudoschizophrenia in a child workshop. *American Journal of Orthopsychiatry*, 21(1):155-181, 1951.
- RANK, BEATA, and MACNAUGHTON, DOROTHY: A clinical contribution to early ego development. In: Eissler, Ruth S., Freud, Anna, Hartmann, Heinz, and Kris, Ernest, eds. *The psychoanalytic study of the child*. Vol. 5. New York, International Universities Press, 1950, p. 53-65.
- RANK, BEATA, PUTNAM, M. C., and KAPLAN, SAMUEL: Notes on John I., a case of primal depression in an infant. *Psychoanalytic Study of the Child*, 6:38-58, 1951.
- RANK, BEATA, PUTNAM, MARIAN C., and ROCHLIN, GREGORY: The significance of the "emotional climate" in early feeding difficulties. *Psychosomatic Medicine*, 10(5):279-283, 1948.
- REISER, DAVID E.: Psychosis of infancy and early childhood, as manifested by children with atypical development. *New England Journal of Medicine*, 269:790-798, and 844-850, 1963.
- MH-41 (R01) LIDDELL, HOWARD S., and MCCAY, CLIVE M.: Aging and tolerance for environmental stress. Cornell University, Ithaca, N.Y. (1947-55)
- GIBSON, E. J.: The role of shock in reinforcement. *Journal of Comparative and Physiological Psychology*, 45(1):18-30, 1952.
- LIDDELL, H. S.: Some specific factors that modify tolerance for environmental stress. In: Wolf, Harold G., Wolf, Steward G., Jr., and Hare, Clarence C., eds. Life stress and bodily disease. Vol. 29. Baltimore, Md., Williams & Wilkins, 1950, p. 155-171.
- LIDDELL, H. S.: The influence of experimental neurosis on respiratory function. In: Abramson, Harold A., ed. *Somatic and psychiatric treatment of asthma*. Baltimore, Williams & Wilkins, 1951, p. 126-147.

- ROSKOFF, D., DENNIS, W. H., and WHEELER, ERMA T.: The psychological effects of frontal lobotomy performed for the alleviation of pain. The frontal lobes. *Proceedings of the Association for Research in Nervous and Mental Disease*, 27:723-753, 1947.
- MH-50 (R01) BELLAK, LEOPOLD: Manic-depressive psychosis. New York Medical College, New York, N.Y. (1947-49)
- BELLAK, LEOPOLD: Manic-depressive psychosis and allied disorders. New York, Grune & Stratton, 1952. 306 p.
- MH-51 (R01) STANTON, ALFRED H.: Psychiatric-sociological study of a mental hospital. Washington School of Psychiatry, Washington, D.C. (1947-51)
- RIOCH, D. McK., and STANTON, A. H.: Milieu therapy. In: *Psychiatric treatment*. Vol. 31. Baltimore, Williams & Wilkins, 1953, p. 94-105. Also in: *Journal of Psychiatry*, 16:65-72, 1953.
- SCHWARTZ, C. G., SCHWARTZ, M. S., and STANTON, A. H.: A study of need-fulfillment on a mental hospital ward. *Psychiatry*, 14:223-242, 1951.
- SCHWARTZ, MORRIS S.: Social research in the mental hospital. In: Rose, Arnold M., ed. *Mental health and mental disorder: A sociological approach*. New York, Norton, 1955, p. 190-202. (Also acknowledges MH-493).
- SCHWARTZ, M. S., and SCHWARTZ, C. G.: Problems in participant observation. *American Journal of Sociology*, 60:343-353, 1955. (Also acknowledges MH-493).
- SCHWARTZ, M. S., and STANTON, A. H.: A social psychological study of incontinence. *Psychiatry*, 13:399-416, 1950.
- STANTON, A. H.: Situations evoking stress in human groups and the group behavioral changes denoting strain. In: *Army Medical Service Graduate School, Symposium on Stress*. Washington, D.C., U.S. Government Printing Office, 1953, p. 165-173.
- STANTON, A. H.: Psychiatric theory and institutional context. *Psychiatry*, 17:19-26, 1954.
- STANTON, A. H., and SCHWARTZ, M. S.: The management of a type of institutional participation in mental illness. *Psychiatry*, 12:13-26, 1949.
- STANTON, A. H., and SCHWARTZ, M. S.: Medical opinion and the social context in the mental hospital. *Psychiatry*, 12:243-249, 1949.
- STANTON, A. H., and SCHWARTZ, M. S.: Observations on dissociation as social participation. *Psychiatry*, 12:339-354, 1949.
- BAILEY, P., GREEN, J. R., AMADOR, L., and GIBBS, F. A.: Treatment of psychomotor states by anterior temporal lobectomy. In: Wolf, Harold G., Wolf, Stewart G., Jr., and Hare, Clarence C., eds. *Life stress and bodily disease*. Vol. 29. Baltimore, Md., Williams & Wilkins, 1953, p. 341-346.
- SHIMIZU, K., REFSUM, S., and GIBBS, F. A.: Effect on the electrical activity of the brain of intra-arterially and intra-cerebrally injected convulsant and sedative drugs (Metrazol and Nembutal). *Electroencephalography and Clinical Neurophysiology*, 4:141-146, 1952.
- STILLERMAN, M. L., GIBBS, E. L., and PERLSTEIN, M. A.: Electroencephalographic changes in strabismus. *American Journal of Ophthalmology*, 35:54-62, 1952.
- MH-57 (R01) MUDD, EMILY H., PELTZ, WILLIAM L., and PRESTON, MALCOLM G.: Mental health aspects of marriage counseling. Marriage Council, Philadelphia, Pa. (1947-55)
- BALLARD, R. G., and MUDD, E. H.: Some theoretical and practical problems in evaluating effectiveness of counseling. *Social Casework*, 10:533-538, 1957.
- BALLARD, R. G., and MUDD, E. H.: Some sources of difference between client and agency evaluation of effectiveness of counseling. *Social Casework*, 39(1):30-35, 1958.
- FROSCHE, H. B.: An example of collaborative research in case work. *Social Work Journal*, 32:19, 1951.
- GATSKILL, E. R., and MUDD, E. H.: A decade of group counseling. *Social Casework*, 31:194-201, 1950.
- GIANOPULOS, ARTIE, and MITCHELL, HOWARD: Marital disagreement in working wife marriages as a function of husband's attitude toward wife's employment. *Marriage and Family Living*, 19(4):373-378, 1957.
- MITCHELL, H. E., and MUDD, E. H.: Anxieties associated with the conduct of research in a clinical setting. *American Journal of Orthopsychiatry*, 27(2):310-330, 1957.
- MITCHELL, H. E., and MUDD, E. H.: The development of a research methodology for achieving the cooperation of alcoholics and their nonalcoholic wives. *Quarterly Journal of Studies on Alcoholism*, 18(4):647-657, 1957.
- MITCHELL, H., PRESTON, M. G., and MUDD, E. H.: Anticipated development of the case from the

- content of the first interview. *Marriage and Family Living*, 15:226-231, 1953.
- MITCHELL, H. E., PRESTON, M. G., and MUDD, E. H.: Counselors' attitudes toward technical aids to the counseling process. *Social Casework*, 36:165-174, 1955.
- MUDD, E. H.: The practice of marriage counseling. New York, Association Press, 1951. 336 p.
- MUDD, E. H.: Psychiatry and marital problems. Proceedings of the 14th Japanese Medical Congress, Kyoto, Japan, Part 1, April 1-5, 1955. *Eugenics Quarterly*, 2(2):367-372, 1955.
- MUDD, EMILY H.: Knowns and unknowns in marriage counseling research. *Marriage and Family Living*, 19(1):75-81, 1957.
- MUDD, E. H., FROSCHE, H. B., PRESTON, M. G., and PELTZ, W. L.: Effects on casework of obtaining research material. *Social Casework*, 31: 11-17, 1950.
- MUDD, EMILY H., and PRESTON, MALCOLM G.: The contemporary status of marriage counseling. *Annals of the American Academy of Political and Social Science*, 272:102-109, 1950.
- MUDD, E. H., PRESTON, M. G., FROSCHE, H. B., and PELTZ, W. L.: Survey of a research project in marriage counseling. *Marriage and Family Living*, 12:59-62, 1950.
- PRESTON, M. G., and MUDD, E. H.: Research and service in social work, conditions for a stable union. *Social Work*, 1(1):34-40, 1956.
- PRESTON, M. G., MUDD, E. H., FROSCHE, H. B., and PELTZ, W. L.: Some results from research at marriage council of Philadelphia. *Marriage and Family Living*, 12:104-105, 1950.
- PRESTON, M. G., MUDD, E. H., FROSCHE, H. B., and PELTZ, W. L.: Factors affecting movement in casework. *Social Casework*, 34:103-11, 1953.
- PRESTON, M. G., MUDD, E. H., PELTZ, W. L., and FROSCHE, H. B.: An experimental study of a method for abstracting the contents of social case records. *Journal of Abnormal and Social Psychology*, 45(4):628-646, 1950.
- PRESTON, M. G., MUDD, E. H., PELTZ, W. L., and FROSCHE, H. B.: Impressions of personality as a function of marital conflict. *Journal of Abnormal and Social Psychology*, 47:326-336, 1952.
- SELLERS, L. S., PRESTON, M. G., MUDD, E. H., and PELTZ, W. L.: Pre-testing methods for follow-up to validate measures of movement in casework. *Journal of Social Casework*, 35:285-291, 1954.
- MH-58 (R01) PIOTROWSKI, ZYGMUNT A.: Diagnostic and prognostic techniques in psychiatry. New York State Psychiatric Institute, New York, N.Y. (1947-51)
- PIOTROWSKI, Z. A.: A new evaluation of the Thematic Apperception Test. *Psychoanalytic Review*, 37:101-127, 1950.
- PIOTROWSKI, Z. A.: Tendances actuelles du Rorschach. *Bulletin du Groupement Français du Rorschach*, 3:2-4, 1953.
- PIOTROWSKI, Z. A.: The Rorschach test: Blind analysis of two test records with emphasis on prediction of overt behavior. In: Carr, A. C., ed. *The prediction of overt behavior through the use of projective techniques*. Springfield, Ill., C. C. Thomas, 1960, p. 56-67.
- PIOTROWSKI, Z. A., and LEWIS, N. D. C.: An experimental Rorschach diagnostic aid for some forms of schizophrenia. *American Journal of Psychiatry*, 107:360-366, 1950.
- PIOTROWSKI, Z. A., and LEWIS, N. D. C.: A case of stationary schizophrenia beginning in early childhood with remarks on certain aspects of children's Rorschach records. *Quarterly Journal of Child Behavior*, 2:115-139, 1950.
- PIOTROWSKI, Z. A., and LEWIS, N. D. C.: An experimental criterion for the prognostication of the status of schizophrenics after a three-year interval based on Rorschach data. In: Relation of psychological tests to psychiatry. New York, Grune & Stratton, 1950, p. 51-72.
- PIOTROWSKI, Z. A., and LEWIS, N. D. C.: Clinical diagnosis of manic-depressive psychosis. In: Hoch, Paul H., and Zubin, Joseph, eds. *Depression*. New York, Grune & Stratton, 1954, p. 25-38.
- PIOTROWSKI, ZYGMUNT, and SCHREIBER, M.: Rorschach perceptual-analytic measurement of personality changes during and after intensive psycho-analytically oriented psychotherapy. In: Bychowski, G., and Sepert, J. L., eds. *Specialized techniques in psychotherapy*. New York, Basic Books, 1952, p. 337-361.
- MH-61 (R01) FRANK, LAWRENCE K.: Evaluation of emotional stability in nursery school. Caroline Zachry Institute, New York, N.Y. (1947-49)
- FRANK, L. K., and HARTLEY, RUTH E.: Play and personality formation in preschool groups. *Journal of Personality*, 1:149-161, 1951.
- HARTLEY, RUTH E.: Growing through play. New York, Columbia University Press, 1952. 62 p.
- HARTLEY, RUTH, FRANK, L. K., and GOLDENSON, ROBERT M.: New play experiences for children. New York, Columbia University Press, 1952. 66 p.
- HARTLEY, RUTH E., FRANK, LAWRENCE K., and GOLDENSON, ROBERT M.: Understanding children's play. New York, Columbia University Press, 1952. 372 p.

- tion patterns in children and adults. New York, American Orthopsychiatric Association, 1954, 238 p. (Research Monograph No. 6). (Also acknowledges MH-64).
- BECK, S. J.: The role of the clinical psychologist in the evaluation of children with specific handicaps. In: *Neurology and psychiatry in childhood*. Baltimore, Md., Williams & Wilkins, 1956, p. 434-438.
- BECK, S. J., MOLISH, H. B., and SINCLAIR, JEAN: Concerning researcher's thinking in schizophrenia research. *American Journal of Orthopsychiatry*, 26:792-800, 1956.
- BECK, S. J., RABIN, A. I., THIESEN, W. G., MOLISH, H., and THETFORD, W. N.: The normal personality as projected in the Rorschach test. *Journal of Psychology*, 30:241-298, 1950.
- RABIN, A. I., and BECK, S. J.: Genetic aspects of some Rorschach factors. *American Journal of Orthopsychiatry*, 20:595-599, 1960.
- THETFORD, W. N., MOLISH, H. B., and BECK, S. J.: Developmental aspects of personality structure in normal children. *Journal of Projective Techniques*, 15(1):58-78, 1951.
- MH-64 (R01) BECK, SAMUEL J.: Levels of schizophrenia in adults. Michael Reese Hospital and Medical Center, Chicago, Ill. (1947-54).
- BECK, S. J.: The science of personality: Nomothetic or idiographic? *Psychological Review*, 60:353-359, 1953.
- BECK, SAMUEL J.: The six schizophrenias. Reaction patterns in children and adults. New York, American Orthopsychiatric Association, 1954, 238 p. (Research Monograph No. 6). (Also acknowledges MH-63).
- BECK, S. J., and NUNNALLY, J. C.: Two researches in schizophrenia. *American Journal of Orthopsychiatry*, 23:223-237, 1953.
- BECK, S. J., and NUNNALLY, J. C.: Method of social work research in schizophrenia. *Journal of Psychiatric Social Work*, 22:123-128, 1953.
- KLEHR, H. C.: Description of a social service follow-up study: Methods and problems. *American Journal of Orthopsychiatry*, 21:378-386, 1951.
- MOLISH, H. B.: The popular response in Rorschach records of normals, neurotics and schizophrenics. *American Journal of Orthopsychiatry*, 21:523-531, 1951.
- THETFORD, W. N.: Fantasy perceptions in the personality development of normal and deviant children. *Journal of Consulting Psychology*, 14:365-370, 1952.
- MH-65 (R01) GRINKER, ROY R.: Psychosomatic studies of skin diseases. Michael Reese Hospital and Medical Center, Chicago, Ill. (1947-52)
- KEPECS, JOSEPH: A walking screen analogous to the dream screen. *Psychoanalytic Quarterly*, 21(2):167-171, 1952.
- KEPECS, JOSEPH: Some patterns of somatic displacement. *Psychosomatic Medicine*, 15:425-432, 1953.
- KEPECS, JOSEPH: Observations on screens and barriers in the mind. *Psychoanalytic Quarterly* 23(1):62-77, 1954.
- KEPECS, JOSEPH, RABIN, ALBERT, and ROBIN, MILTON: Atopic dermatitis. A clinical study. *Psychosomatic Medicine*, 13(1):1-9, 1950.
- KEPECS, JOSEPH, and ROBIN, MILTON: Life situations, emotions and atopic dermatitis. In: Wolff, Harold G., Wolf, Stewart G., Jr., and Hare, Clarence C., eds. *Life stress and bodily disease*. New York, Williams & Wilkins, 1950, p. 1010-1015.
- KEPECS, JOSEPH G., and ROBIN, MILTON: Studies on itching. I. Contributions toward an understanding of the physiology of masochism. *Psychosomatic Medicine*, 17(2):87-95, 1955.
- KEPECS, JOSEPH G., ROBIN, MILTON, and BRUNER, MATTHEW J.: Relationship between certain emotional states and exudation into the skin. *Psychosomatic Medicine*, 13:10-17, 1951.
- RABIN, ALBERT, and KEPECS, JOSEPH G.: Personality structure in atopic dermatitis: A Rorschach study. *Journal of General Psychology*, 50:171-180, 1954.
- ROBIN, MILTON, and KEPECS, JOSEPH G.: The relationship of certain emotional states to the rate of secretion of sebum. *Journal of Investigative Dermatology*, 20(5):373-383, 1953.
- MH-66 (R01) BUTLER, ALAN M., COBB, STANLEY: Psychosomatic disorders in children. Massachusetts General Hospital, Boston, Mass. (1947-54)
- BLOM, GASTON E.: Ambivalence and resistance to treatment in a delinquent adolescent boy. *American Journal of Orthopsychiatry*, 22:584-606, 1952.
- BLOM, GASTON E.: Ulcerative colitis in a five-year-old boy. In: Caplan, Gerald, ed. *Emotional problems of early childhood*. New York, Basic Books, 1955, p. 169-198.

- children to illness. *Pediatrics*, 22:590-600, 1958.
- BLOM, GASTON E., and NICHOLS, GRACE: Emotional factors in children with rheumatoid arthritis. *American Journal of Orthopsychiatry*, 24: 588-601, 1954.
- BLOM, GASTON, and WHIPPLE, B.: A method of studying emotional factors in children with rheumatoid arthritis. In: Jessner, L., and Pavenstedt, E., eds. *Dynamic psychopathology in childhood*. New York, Grune and Stratton, 1959, p. 124-165. (Also acknowledges MH-937)
- COOLIDGE, JOHN C.: Asthma in mother and child as a special type of intercommunication. *American Journal of Orthopsychiatry*, 26:165-178, 1956.
- JESSNER, LUCIE: Some aspects of permissiveness in psychotherapy of children. *Child Development*, 21:13-18, 1950.
- JESSNER, L.: Some observations on children hospitalized during latency. In: Jessner, Lucie, and Pavenstedt, Eleanor, eds. *Dynamic psychopathology in childhood*. New York, Grune & Stratton, 1959, p. 257-268.
- JESSNER, L.: The psychoanalysis of an eight-year-old boy with asthma. In: Schneer, Henry I., ed. *The asthmatic child*. New York, Hoeber, 1963, p. 118-137.
- JESSNER, L., and ABSE, D. W.: Regressive forces in anorexia nervosa. *British Journal of Medical Psychology*, 33:301-312, 1960.
- JESSNER, LUCIE, BLOM, GASTON, and WALLFOGEL, SAMUEL: Emotional implications of tonsillectomy and adenoidectomy on children. *Psychoanalytic Study of the Child*, 7:126-169, 1952.
- JESSNER, L., and KAPLAN, S.: Emotional reactions to tonsillectomy and adenoidectomy in children. In: *Problems of infancy and childhood*. New York, Josiah Macy Foundation, 1949, p. 97-118.
- JESSNER, L., and KAPLAN, S.: "Discipline" as a problem in psychotherapy with children. *Nervous Child*, 9:147-155, 1951.
- JESSNER, L., and SANDIFER, M. G.: Der Gegenwartige Stand der Psychosomatischen Medizin in den Vereinigten Staaten Ein Überblick. (Review of psychosomatic medicine in U.S.A.) Schweizer (Swiss) Zeitschrift der Psychiatrie und Neurologie, 136:260-308, 1958.
- MH-67 (R01) MIRSKY, I. ARTHUR: Gastric activity in emotional states. Jewish Hospital of Cincinnati, Cincinnati, Ohio (1947-51) (Cont'd as MH-486)
- BROH-KAHN, ROBERT H., PODORE, CLARENCE J., and MIRSKY, I. ARTHUR: Uropepsin excretion by *Journal of Clinical Investigation*, 27(6):825-833, 1948.
- MIRSKY, I. ARTHUR, BLOCK, STANLEY, OSHER, STANLEY, and BROH-KAHN, ROBERT H.: Uropepsin excretion by man. I. The source, properties and assay of uropepsin. *Journal of Clinical Investigation*, 27(6):818-824, 1948.
- MIRSKY, I. ARTHUR, FISHER, BERNARD, and HARBISON, S. P.: Comparison of blood pepsinogen in patients with duodenal and gastric ulcer and patients with gastric carcinoma. (Abstract) *Journal of Laboratory and Clinical Medicine*, 46:933, 1955. (Also acknowledges MH-486).
- MIRSKY, I. ARTHUR, FUTTERMAN, PERRY, and KAPLAN, STANLEY: Blood plasma pepsinogen: II. The activity of the plasma from "normal" subjects, patients with duodenal ulcer, and patients with pernicious anemia. *Journal of Laboratory and Clinical Medicine*, 40(2):188-199, 1952. (Also acknowledges MH-486).
- MIRSKY, I. A., FUTTERMAN, P. KAPLAN, S., and BROH-KAHN, R. H.: Blood plasma pepsinogen: I. The source, properties and assay of the proteolytic activity of plasma at acid reactions. *Journal of Laboratory and Clinical Medicine*, 40(1): 17-26, 1952. (Also acknowledges MH-486).
- MIRSKY, I. ARTHUR, KAPLAN, STANLEY, and BROH-KAHN, ROBERT H.: Pepsinogen excretion (Uropepsin) as an index of the influence of various life situations on gastric secretions. In: Wolf, Harold G., Wolf, Steward G., Jr., and Hare, Clarence C., eds. *Life stress and bodily disease*. Vol. 24. Baltimore, Williams & Wilkins, 1950, p. 628-646.
- PODORE, CLARENCE J., BROH-KAHN, ROBERT H., and MIRSKY, I. ARTHUR: Uropepsin excretion by man. III. Uropepsin excretion by patients with peptic ulcers and other lesions of the stomach. *Journal of Clinical Investigation*, 27(6): 834-839, 1948.
- STEIN, M., JINKS, R., and MIRSKY, I. A.: The bioassay of pitressin and antidiuretic substances in blood and urine. *Endocrinology*, 51:492-503, 1952. (Also acknowledges MH-486).
- STEIN, MARVIN, JINKS, ROBERT, and MIRSKY, I. ARTHUR: The assay of antidiuretic substances. (Abstract) *Journal of Clinical Endocrinology and Metabolism*, 12(7):961, 1952. (Also acknowledges MH-486).
- STEIN, M., SCHWARTZ, R., and MIRSKY, I. A.: The antidiuretic activity of plasma of patients with hepatic cirrhosis, congestive heart failure, hypertension and other clinical disorders. *Journal of Clinical Investigation*, 33:77-81, 1954. (Also acknowledges MH-486)
- WEINER, HERBERT, THALER, MARGARET, REISER, MORTON F., and MIRSKY, I. ARTHUR: Etiology



- regum pepsinogen). *Psychosomatic Medicine*, 19 (1):1-10, 1957. (Also acknowledges MH-486).
- MH-76 (R01) MIRSKY, I. ARTHUR: Psychologic factors in hyperglycemia. Jewish Hospital of Cincinnati, Cincinnati, Ohio. (1947-50)
- MIRSKY, I. A.: Emotional factors in the patient with diabetes mellitus. *Bulletin of the Menninger Clinic*, 12:187-194, 1948.
- MIRSKY, I. A., KAPLAN, S. M., PODORE, C. J., and BROH-KAHN, R. H.: The insulin tolerance test in patients with essential hypertension. *Journal of Clinical Investigation*, 29:297-301, 1950.
- WEILAND, H. I., BROH-KAHN, R. H., and MIRSKY, I. A.: Lack of hypoglycemic response to intrathecal injection of glucose. *Proceedings of the Society for Experimental Biology and Medicine*, 67: 171-172, 1948.
- MH-77 (R01) LASHLEY, KARL: Interaction of specialized areas in the brain. Yerkes Laboratories of Primate Biology—Emory University, Orange Park, Fla. (1948-51)
- LASHLEY, K. S.: The mechanism of vision: Effects of destroying the visual "associative areas" of the monkey. *Genetic Psychology Monographs*, 37: 107-166, 1948.
- SPERRY, R. W.: Cerebral regulation of motor coordination in monkeys following multiple transection of semimotor cortex. *Journal of Neurophysiology*, 10:275-294, 1947.
- MH-79 (R01) MACFARLANE, JEAN W.: Personality development from birth to maturity. California, University of Berkeley, Calif. (1948-53)
- ATHERTON, KARYL: A comparison of solutions obtained in factor analyses of socio-economic variables. *Psychological Reports*, 11:259-273, 1962.
- BAYER, LEONA M., and SNYDER, MARGARET M.: Illness experience of a group of normal children. *Child Development*, 21(2):93-120, 1950.
- BAYLEY, NANCY: Some psychological correlates of somatic androgyny. *Child Development*, 22(1): 47-60, 1951.
- BAYLEY, NANCY, and PINNEAU, S. R.: Tables for predicting adult height from skeletal age: Revised for use with the Greulich-Pyle hand standards. *Journal of Pediatrics*, 40:423-441, 1952.
- BRONSON, WANDA C.: Dimensions of ego and infantile identification. *Journal of Personality*, 27(4):532-545, 1959.
- BRONSON, WANDA C., KATTEN, EDITH S., and LIVSON, N.: Patterns of authority and affection in
- DEUEL, P. D.: A nomogram for factor analysis. *Psychometrika*, 21(3):291-294, 1956.
- ERIKSON, E. H.: Sex differences in the play configurations of pre-adolescents. *American Journal of Orthopsychiatry*, 21(4):667-692, 1951.
- GRANT, MARGUERITE Q., IVES, VIRGINIA, and RANZONI, JANE H.: Reliability and validity of judges' ratings of adjustment on the Rorschach. *Psychological Monographs*, 66(2):1-20, 1952. (Whole No. 334)
- HANLEY, C.: Physique and reputation of junior high school boys. *Child Development*, 22(4):247-260, 1951.
- HARRIS, R. E.: Some observations on blood pressure in children. In: Physical and behavioral growth, Report of 26th Ross Pediatric Research Conference, 1958, p. 49-52.
- HEINSTEIN, M. I.: Influence of breast feeding on children's behavior. *Children* (Children's Bureau, Department of Health, Education and Welfare), 10:93-97, 1963.
- HEINSTEIN, M. I.: Behavioral correlates of breast-bottle regimes under varying parent-infant relationships. *Monographs of the Society for Research in Child Development*, 28(4):1-61, 1963.
- HONZIK, MARJORIE P.: Sex differences in the occurrence of materials in the play constructions of pre-adolescents. *Child Development*, 22(1):15-35, 1951.
- HONZIK, MARJORIE P.: The constancy of mental test performance during the preschool period. In: Readings in child psychology. New York, Prentice-Hall, 1951, p. 329-344.
- HONZIK, MARJORIE P.: Developmental studies of parent-child resemblance in intelligence. *Child Development*, 28(2):215-228, 1957. Also in: Dennis, W., ed. *Readings in child psychology* Revised ed. New York, Macmillan Co., 1963.
- HONZIK, MARJORIE P.: A sex difference in the age of onset of the parent-child resemblance in intelligence. *Journal of Educational Psychology*, 54:5, 1963.
- HONZIK, MARJORIE P., MACFARLANE, JEAN W., and ALLEN, LUCILE: The stability of mental test performance between two and eighteen years. *Journal of Experimental Education*, 17(2):309-324, 1948.
- HONZIK, MARJORIE P., MACFARLANE, JEAN W., and ALLEN, LUCILE: The stability of mental test performance between two and eighteen years. In: Kuhlen, R. G., and Thompson, G. G., eds. *Psychological studies of human development*. New York, Appleton-Century-Crofts, 1952, p. 149-157

- HONZIK, MARJORIE P., and MCKEE, J. P.: The sex difference in thumbsucking. *Journal of Pediatrics*, 61(5):726-732, 1962.
- IVES, VIRGINIA GRANT, MARGUERITE Q., and RANZONI, JANE H.: The "neurotic" Rorschachs of normal adolescents. *Journal of Genetic Psychology*, 83:31-61, 1953.
- JONES, H. E., MACFARLANE, JEAN W., and EICHORN, DOROTHY H.: A progress report on growth studies at the University of California. *Vita Humana*, 3:17-31, 1960.
- LIVSON, N., and BRONSON, WANDA C.: An exploration of patterns of impulse control in early adolescence. *Child Development*, 32:75-88, 1961.
- LIVSON, N., and MCNEILL, D.: Variability in male stature as function of adolescent maturation rate. *Science*, 133:708-709, 1961.
- LIVSON, N., and MCNEILL, D.: Physique and maturation rate in male adolescents. *Child Development*, 33:145-152, 1962.
- LIVSON, N., and MCNEILL, D.: The accuracy of recalled age of menarche. *Human Biology*, 34(3):218-221, 1962.
- LIVSON, N., and NICHOLS, T.: Note on Gaier and Lee's "Pattern analysis." *Psychological Bulletin*, 51(1):77-78, 1955.
- LIVSON, N., and NICHOLS, T.: Discrimination and reliability in Q-sort personality descriptions. *Journal of Abnormal and Social Psychology*, 52(2):159-165, 1956.
- LIVSON, N., and NICHOLS, T.: Social attitude configurations in an adolescent group. *Journal of Genetic Psychology*, 91:3-23, 1957.
- LIVSON, N., and NICHOLS, T.: Assessment of the generalizability of the E, F, and PEC scales. *Psychological Reports*, 3:413-420, 1957.
- MACFARLANE, JEAN W.: Problems of validation inherent in projective methods: In: Watson, R. I., ed. *Clinical method in psychology*. New York, Harper, 1949.
- MACFARLANE, JEAN W.: The training of psychologists for the community mental health service field. *Clinical Psychology*, 6(2):128-132, 1950.
- MACFARLANE, JEAN W.: The uses and predictive limitations of intelligence tests in infants and young children. *Bulletin of the World Health Organization*, 9:409-415, 1953.
- MACFARLANE, JEAN W.: Intellectual functioning in high school girls and college women. *National Association of Women Deans and Counselors*, 21(1):3-8, 1957.
- MACFARLANE, JEAN W.: The significance of early and late maturation. In: Physical and behavioral growth, Report of the 26th Ross Pediatric Research Conference, 1958, p. 69-78.
- MACFARLANE, JEAN W.: From infancy to adulthood. *Childhood Education*, 39(7):336-342, 1963. Also in: *Pedagogic Reporter*, 15(1):5-7, 1963.
- MACFARLANE, JEAN W., ALLEN, LUCILE, and HONZIK, MARJORIE P.: A developmental study of the behavior problems of normal children between 21 months and 14 years. Vol. 2. University of California publications in child development, 1954. 122 p.
- MACFARLANE, JEAN W., and TUDDENHAM, R. D.: Problems in the validation of projective techniques. In: Anderson, H. H., and Anderson, G. L., eds. *An introduction to projective techniques*. New York, Prentice-Hall, 1951, p. 26-54.
- McFATE, MARGUERITE Q., and ORR, FRANCES G.: Through adolescence with the Rorschach. *Rorschach Research Exchange and Journal of Projective Techniques*, 13(3):302-319, 1949.
- MCKEE, J. P., and HONZIK, MARJORIE P.: Sucking behavior in mammals: An examination of the nature-nurture question. In: Postman, Leo J., ed. *Psychology in the making*. New York, Knopf, 1962, p. 585-661.
- MCNEILL, D., and LIVSON, N.: Maturation rate and body build in women. *Child Development*, 34(1):25-32, 1963.
- NICOLSON, ARLINE B., and HANLEY, C.: Indices of psychological maturity: Derivation and interrelationships. *Child Development*, 24(1):3-38, 1953.
- RANZONI, JANE H., GRANT, MARGUERITE Q., and IVES, VIRGINIA: Rorschach "card pull" in a normal adolescent population. *Journal of Projective Techniques*, 14(2):107-133, 1950.
- SMELSER, N. J., and SMELSER, W. T.: Personality and social systems. New York, Wiley, 1963, 658 p.
- SMELSER, W. T.: Adolescent and adult occupational choice as a function of family socioeconomic history. *Sociometry*, 26(4):393-409, 1963.
- TUDDENHAM, R. D.: Studies in reputation. III. Correlates of popularity among elementary school children. *Journal of Educational Psychology*, 42(5):257-276, 1951.
- TUDDENHAM, R. D.: Studies in reputation. I. Sex and grade differences in school children's evaluations of their peers. II. The diagnosis of social adjustment. *Psychological Monographs*, 66(1):1-58, 1952. (Whole No. 333)
- TUDDENHAM, R. D., and SNYDER, MARGARET M.: Physical growth of California boys and girls from birth to 18 years. *University of California Publications in Child Development*, 1(2):183-364, 1954.

- TUMA, E., and LIVSON, N.: Family socioeconomic status and adolescent attitudes to authority. *Child Development*, 31:387-399, 1960.
- MH-80 (R01) CATTELL, RAYMOND B.: Hereditary and environmental factors in personality. Illinois, University of Urbana, Ill. (1948-54)
- CATTELL, R. B.: A note on factor invariance and the identification of factors. *British Journal of Psychology*, 2:134-138, 1949.
- CATTELL, R. B.: A factorization of tests of personality source traits. *British Journal of Psychology*, 4:165-178, 1951.
- CATTELL, R. B.: Research designs in psychological genetics with special reference to the multiple variance method. *American Journal of Human Genetics*, 5:76-93, 1953.
- CATTELL, R. B.: What is "objective" in "objective personality tests"? *Journal of Counseling Psychology*, 5:285-289, 1958.
- CATTELL, R. B., BLEWETT, D. B., and BELOFF, J. R.: The inheritance of personality. A multiple variance analysis determination of approximate nature-nurture ratios for primary personality factors in Q-data. *American Journal of Human Genetics*, 7:122-146, 1955.
- CATTELL, R. B., DUBIN, S. S., and SAUNDERS, D. R.: Personality structure in psychotics by factorization of objective clinical tests. *Journal of Mental Science*, 100:154-176, 1954.
- CATTELL, R. B., and GRUEN, W.: The personality factor structure of 11-year-old children in terms of behavior rating data. *Journal of Clinical Psychology*, 9:256-266, 1953.
- CATTELL, R. B., and GRUEN, W.: Primary personality factors in the questionnaire medium for children 11 to 14 years old. *Educational and Psychological Measurements*, 14:50-76, 1954.
- CATTELL, R. B., and HOROWITZ, J.: Objective personality tests investigating the structure of altruism in relation to source traits, A, H, and L. *Journal of Personality*, 21:103-117, 1952.
- CATTELL, R. B., and SAUNDERS, D. R.: Inter-relation and matching of personality factors from behavior rating, questionnaire and objective test data. *Journal of Social Psychology*, 31:243-260, 1950.
- CATTELL, R. B., STICE, G. F., and KRISTY, N. F.: A first approximation to nature-nurture ratios for eleven primary personality factors in objective tests. *Journal of Abnormal and Social Psychology*, 54:143-159, 1957.
- MH-81 (R01) BETTELHEIM, BRUNO: Institutional treatment of disturbed children. Chicago, University of Chicago, Ill. (1948-52)
- BETTELHEIM, BRUNO HARRY: A study in rehabilitation. *Journal of Abnormal and Social Psychology*, 44:231-265, 1949.
- BETTELHEIM, BRUNO: Love is not enough. Glencoe, Ill., Free Press, 1950, 386 p.
- BETTELHEIM, BRUNO: Truants from life. Glencoe, Ill., The Free Press, 1955, 511 p.
- MH-91 (R01) WOLF, ABNER: Prenatal factors in CNS disorders. Columbia University, New York, N.Y. (1948-53)
- COWEN, DAVID, and WOLF, A.: Experimental congenital toxoplasmosis. I. The vagina as a portal of entry of toxoplasma in the mouse. *Journal of Experimental Medicine*, 92:393-402, 1950.
- COWEN, D., and WOLF, A.: Experimental congenital toxoplasmosis. II. Transmission of toxoplasmosis to the placenta and fetus following vaginal infection in the pregnant mouse. *Journal of Experimental Medicine*, 92:403-416, 1950.
- COWEN, D., and WOLF, A.: Experimental congenital toxoplasmosis. III. Toxoplasmosis in the offspring of mice infected by the vaginal route. Incidence and manifestations of the disease. *Journal of Experimental Medicine*, 92:418-429, 1950.
- COWEN, D., and WOLF, A.: Experimental congenital toxoplasmosis. IV. Genital and secondary lesions in the mouse infected with toxoplasma by the vaginal route. *Journal of Neuropathology and Experimental Neurology*, 10:1-15, 1951.
- COWEN, D., and WOLF, A.: Experimental congenital toxoplasmosis. V. Lesions in the offspring of mice infected with toxoplasma by the vaginal route. Observations on an associated hepatic injury. *Journal of Neuropathology and Experimental Neurology*, 10:142-157, 1951.
- KABAT, E. A., WOLF, A., and BEZER, A. E.: Experimental studies on acute disseminated encephalomyelitis in rhesus monkeys. In: Wolf, Harold G., Wolf, Stewart G., Jr., and Hare, Clarence C. *Life stress and bodily disease*. Vol. 19. Baltimore, Williams & Wilkins, 1950, p. 113-132.
- KABAT, E. A., WOLF, A., and BEZER, A. E.: Effect of cortisone on experimental acute disseminated encephalomyelitis. (Abstract) *Federation Proceedings*, 10(1):412, 1951.
- LUMSDEN, C. E., KABAT, E. A., WOLF, A., and BEZER, A. E.: Studies on acute disseminated encephalomyelitis produced experimentally in rhesus monkeys. Complement-fixing antibodies. *Journal of Experimental Medicine*, 92:253-270, 1950.
- WOLF, A.: The pathology of some viral encephalitis. In: Kidd, J. G., ed. *The pathogenesis and pathology of viral diseases*. New York, Columbia University Press, 1950, p. 193-213.

- WOLF, A.: A review of experimental studies on the etiology of the human demyelinating diseases. In: *Proceedings of the First International Congress on Neuropathology*, Rome, 1952, p. 1-60. Also in: Wolf, A. *Revue des études expérimentales sur l'étiologie des maladies démyélinisantes humaines. Acta Neurologica et Psychiatrica Belgica*, 54:634-681, 1954.
- WOLF, A., and COWEN, D.: In: Mettler, F. A., ed. *Selective partial ablation of the frontal cortex*. New York, Hoeber, 1949, p. 453-472.
- WOLF, A., and COWEN, D.: Histopathology of schizophrenia and other psychoses of unknown origin. In: Milbank Memorial Fund. *The biology of mental health and disease*. 27th annual conference at the Milbank Memorial Fund. New York, Hoeber, 1952, p. 469-486.
- WOLF, A., COWEN, D., and PLUVINAGE, R.: L'encephalomyélite à toxoplasmes. *Revue Neurologique*, 81:262-275, 1949.
- WOLF, A., KABAT, E. A., BEZER, A. E., and FONSECA, J. R. C.: Activation of trypanosomiasis in rhesus monkeys by cortisone. (Abstract) *Federation Proceedings*, 10(1)Part 1:375, 1951.
- WOLF, A., KABAT, E. A., BEZER, A. E., and FONSECA, J. R. C.: The effect of cortisone in activating latent trypanosomiasis in rhesus monkeys. In: Schwartzmann, G., ed. *The effect of ACTH and cortisone upon infection and resistance*. New York, Columbia University Press, 1953.
- WOLF, A., KAUFMAN, M. A., and COWAN, D.: Adult toxoplasmosis: A report and review. *Transactions of the American Neurology Association*, p. 284-286, 1953.
- MH-94 (R01) REDL, FRITZ, and LIPPITT, RONALD: Use of the group medium with disturbed children. Wayne State University, Detroit, Mich. (1948-51)
- GROSSER, DANIEL, POLANSKY, NORMAN, and LIPPITT, RONALD: A laboratory study of behavioral contagion. *Human Relations*, 4:115-142, 1951.
- LIPPITT, R., POLANSKY, N., and ROSEN, S.: The dynamics of power. *Human Relations*, 5(1): 37-64, 1952. (Also acknowledges MH-450).
- POLANSKY, NORMAN: On the dynamics of behavioral contagion. *The Group*, 14:3-8, 21-24, 1952.
- POLANSKY, N., FREEMAN, W., HOROWITZ, M., IRWIN, L., PAPANIA, N., RAPAPORT, D., and WALEY, F.: Problems of interpersonal relations in research on groups. *Human Relations*, 2:281-291, 1949.
- POLANSKY, N., LIPPITT, R., and REDL, F.: An investigation of behavioral contagion in groups. *Human Relations*, 3:319-348, 1950.
- POLANSKY, N., LIPPITT, R., and REDL, F.: The use of near-sociometric data in research on group treatment processes. *Sociometry*, 13:39-62, 1950.
- REDL, R., and WINEMAN, D.: Children who hate. Glencoe, Ill., Free Press, 1951, 253 p.
- REDL, F., and WINEMAN, D.: Controls from within. Glencoe, Ill., Free Press, 1952, 332 p.
- ROSEN, S.: Effects of emotional disturbance on social skills. *Counseling*, 10:1-7, 1952.
- ROSEN, S.: Predicting individual behavior in a group setting: Forecasting from case history material how children will adjust in a new group. In: Research Center for group dynamics. Ann Arbor, University of Michigan, 1953, 8 p.
- ROSEN, S.: Some perceptual and behavioral components of social influence in small groups, as predicted by interpersonal adjustment in previous social environments. In: Research Center for Group Dynamics. Ann Arbor, University of Michigan, 1953, 5 p.
- MH-105 (R01) JACKSON, EDITH B.: Mental health effects of maternity wards. Yale University, New Haven, Conn. (1948-54)
- BACKUS, B. S.: I roomed in with my new baby. *Child*, 14(5):66-67; 77-78, 1949.
- BARNES, G. R., LATHIN, A. N., JACKSON, E. B., and SHEA, N.: Management of breast feeding. *Journal of the American Medical Association*, 151: 192-199, 1953.
- BAUMANN, E.: The visiting nurse views rooming-in. *Public Health Nursing*, 42:263-266, 1950.
- DANES, C.: Report of a panel discussion on rooming-in. *Journal of the American Medical Women's Association*, 9(3):80, 1954.
- FREEDMAN, L. Z., REDLICH, F. C., ERON, L. D., and JACKSON, E. B.: Training for childbirth-remembrance of labor. *Psychosomatic Medicine* 14(6):439-452, 1952.
- HARRIS, A.: A public health nurse in rooming-in. *Public Health Nursing*, 44(10):580-584, 1952.
- JACKSON, E. B.: Pediatric and psychiatric aspects of the Yale rooming-in project. *Connecticut Medical Journal*, 14:616-621, 1950.
- JACKSON, E. B.: The development of rooming-in at Yale. *Yale Journal of Biology and Medicine*, 25(6):484-494, 1953.
- JACKSON, E. B.: New trends in maternity care. *American Journal of Nursing*, 55(5):584-587, 1955.
- JACKSON, E. B., and KLATSKIN, E. H.: Rooming-in research project: Development of methodology of parent-child relationship study in a clinical setting. *Psychoanalytic Study of the Child*, 5:236-274, 1950.

- JACKSON, EDITH B., KLATSKIN, ETHELYN H., and WILKIN, LOUISE C.: Early child development in relation to degree of flexibility of maternal attitude. *Psychoanalytic Study of the Child*, 7:393-428, 1952. (Also acknowledges MH-9034).
- JACKSON, E. B., and TRAINHAM, G., eds.: Family centered maternity and infant care. New York, Josiah Macy, Jr. Foundation, 1950, 298 p.
- JACKSON, E. B., WILKIN, L. C., and AUERBACH, H.: Statistical report on incidence and duration of breast feeding in relation to personal-social and hospital maternity factors. *Pediatrics*, 17:700-715, 1956.
- KLATSKIN, E. H.: Shifts in child care practices in three social classes under an infant care program of flexible methodology. *American Journal of Orthopsychiatry*, 22:52-61, 1952.
- KLATSKIN, E. H.: Intelligence test performance at one year among infants raised with flexible methodology. *Journal of Clinical Psychology*, 8(3): 230-237, 1952.
- KLATSKIN, ETHELYN HENRY: Relationships of deficits in intelligence test performance of pre-school children to perinatal experience. *Journal of Consulting Psychology*, 28(3):228-233, 1964.
- KLATSKIN, E. H., and JACKSON, E. B.: Methodology of the Yale rooming-in-project on parent-child relationship. *American Journal of Orthopsychiatry*, 25(1):81-108; 25(2):373-397, 1955.
- KLATSKIN, E. H., JACKSON, E. B., and WILKIN, L. C.: The influence of degree of flexibility in maternal child care practices on early child behavior. *American Journal of Orthopsychiatry*, 26:79-93, 1956.
- KLATSKIN, E. H., LETHIN, A. N., and JACKSON, E. B.: Choice of rooming-in or newborn nursery: Analysis of data from prenatal screening interviews of 1251 mothers, relating to their choice of hospital accommodation for their infants in a rooming-in unit or in the newborn nursery. *Pediatrics*, 6:878-889, 1950.
- NYHAN, W. L.: Stool frequency of normal infants in the first week of life. *Pediatrics*, 10:414-425, 1952.
- NYHAN, W. L., and WESSEL, M. A.: Neonatal growth in weight of normal infants on four different feeding regimens. *Pediatrics*, 14:442-448, 1954.
- OLMSTED, R. W., and JACKSON, E. B.: Self-demand feeding in the first week of life. *Pediatrics*, 6: 396-401, 1950.
- SHBA, N., KLATSKIN, E. H., and JACKSON, E. B.: Home adjustment of rooming-in and non-rooming-in mothers. *American Journal of Nursing*, 52 (1):65-67, 1952.
- SNOKE, A. W.: Rooming-in and natural childbirth in a general hospital, or shall we break all rules? *Modern Hospital*, 77:98-110, 1951.
- WESSEL, M. A., COBB, J. C., JACKSON, E. B., HARRIS, G. S., and DETWILER, B. A.: Paroxysmal fussing in infancy, sometimes called "colic." *Pediatrics*, 14:421-434, 1954.
- MH-110 (R01) STEARNS, A. WARREN: Psychiatric study of dependency and indigency. Tufts University, Medford, Mass. (1948-53)
- STEARNS, A. W.: Cases of probable suicide in young persons without obvious motivation. *Journal of the Maine Medical Association*, 44:16-23, 1953.
- STEARNS, A. W., and ULLMAN, A. D.: One thousand unsuccessful careers. *American Journal of Psychiatry*, 105:801-809, 1949.
- ULLMAN, A. D., DEMONE, JR., HAROLD W., and STEARNS, A. W.: Does failure run in families? A further study of 1,000 unsuccessful careers. *American Journal of Psychiatry*, 107:667-676, 1951.
- MH-111 (R01) LENNOX, WILLIAM G.: Convulsions and epilepsy in children. Children's Hospital Medical Center, Boston, Mass. (1948-53)
- LENNOX, WILLIAM G.: The heredity of epilepsy as told by relatives and twins. *Journal of the American Medical Association*, 146:529-536, 1951.
- LENNOX, WILLIAM G.: Phenomena and correlates of the psychomotor triad. *Neurology*, 1:357-371, 1951.
- MH-118 (R01) METTLER, FRED A.: The human frontal lobe. Columbia University, New York N.Y. (1948-50)
- CARPENTER, MALCOLM B.: The influence of frontopectomy upon gastric secretion. Review of data on twenty-four cases and fourteen controls. *Journal of Nervous and Mental Disease*, 113(1): 52-60, 1951.
- LANDIS, C., ZUBIN, J., and METTLER, F. A.: The functions of the human frontal lobe. *Journal of Psychology*, 30:123-138, 1950.
- METTLER, F. A.: Physiologic effects of bilateral simultaneous removal of Brodman cytoarchitectural area in the human. (Abstract) *Federation Proceedings*, 8:109, 1949.
- METTLER, F. A.: A comparison between various forms of psychosurgery. *New York State Journal of Medicine*, 49:2283-2286, 1949.
- METTLER, FRED A., ed.: Selective partial ablation of the frontal cortex. New York, Hoeber, 1949, 517 p.
- METTLER, FRED A., ed.: Psychosurgical problems. Philadelphia, Blakiston, 1952, 357 p.

- J. R., LITTELL, K., FEIRING, E. H., and CARPENTER, M. B.: Factors, in the pre-operative situation of schizophrenics, considered to be of significance in influencing outcome following psychosurgery. *Psychiatric Quarterly*, 28:549-606, 1954.
- METTLER, F. A., POOL, J. L., and CRANDELL, A.: Consequences of the ablation of area 8, 6 and 4S from the human cortex cerebri. *Transactions of the American Neurological Association*, 78th Meeting, 1953, p. 185-188.
- METTLER, FRED A., and ROWLAND, LEWIS P.: The enumeration of neurocytes in the frontal lobe of human psychotics. (Abstract) *Anatomical Record*, 103(3):488-489, 1949.
- ROWLAND, L. P., and METTLER, F. A.: Cell concentration and laminar thickness in the frontal cortex of psychotic patients: Studies on cortex removed at operation. *Journal of Comparative Neurology*, 90:255-280, 1949.
- WITTENBORN, J. R., and METTLER, F. A.: Some psychological changes following psychosurgery. *Journal of Abnormal and Social Psychology*, 46: 548-556, 1951.
- WITTENBORN, J. R., and METTLER, F. A.: A lack of perceptual control score for the Rorschach test. *Journal of Clinical Psychology*, 7:331, 1951.
- WITTENBORN, J. R., and METTLER, F. A.: Practical correlates of psychiatric symptoms. *Journal of Consulting Psychology*, 15:505-510, 1951.
- MH-120 (R01) McCLELLAND, DAVID C.: Effect of fear and anxiety on psychological processes. Wesleyan University, Middletown, Conn. (1948-53)
- SHIPLEY, THOMAS E., JR., and VEROFF, JOSEPH: A projective measure of need for affiliation. *Journal of Experimental Psychology*, 43(5): 349-356, 1952.
- MH-123 (R01) KING, JOHN A., ROSEN, JOSEPH, and SCOTT, JOHN P.: Social and hereditary factors in nervous instability. Roscoe B. Jackson Memorial Laboratory, Bar Harbor, Me. (1948-61) (Continued as MH-5643).
- BAUER, FRANK J.: Genetic and experiential factors affecting social relations in male mice. *Journal of Comparative and Physiological Psychology*, 49(4):359-364, 1956.
- DENNENBERG, V. H., KING, J. A., and EHRENFELD, D.: Effects of testosterone propionate on the avoidance learning of male C57BL/6 mice. *Physiological Zoology*, 31:244-247, 1958.
- DENNENBERG, VICTOR H., ROSS, SHERMAN, and BLUMENFELD, MICHAEL: Behavioral differences between mutant and nonmutant mice. *Journal of*
- ELLIOT, O., and KING, J. A.: Effect of early food deprivation upon later consummatory behavior in puppies. *Psychological Reports*, 6:391-500, 1960.
- FREDERICSON, EMIL: Distributed versus massed experience in a traumatic situation. *Journal of Abnormal and Social Psychology*, 45(2):259-266, 1950.
- FREDERICSON, EMIL: Cognitive maps and reinforcement. *Journal of Genetic Psychology*, 76:253-262, 1950.
- FREDERICSON, EMIL: The effects of food deprivation upon competitive and spontaneous combat in C57 black mice. *Journal of Psychology*, 29:89-100, 1950.
- FREDERICSON, EMIL: Competition: The effects of infantile experience upon adult behavior. *Journal of Abnormal and Social Psychology*, 46(3): 406-409, 1951.
- FREDERICSON, EMIL: Time and aggression. *Psychological Review*, 58(1): 41-51, 1951.
- FREDERICSON, EMIL: Aggressiveness in female mice. *Journal of Comparative and Physiological Psychology*, 45(3):254-257, 1952.
- FREDERICSON, EMIL: Perceptual homeostasis and distress in vocalization in puppies. *Journal of Personality*, 20(4):472-477, 1952.
- FREDERICSON, EMIL: The wall-seeking tendency in three inbred mouse strains (mus musculus). *Journal of Genetic Psychology*, 82:143-146, 1953.
- FREDERICSON, EMIL, and BIRNBAUM, E. ANN: Competitive fighting between mice with different hereditary backgrounds. *Journal of Genetic Psychology*, 85:271-280, 1954.
- FREDERICSON, EMIL, FINK, CHARLES D., and PARKER, JEAN R.: Elicitation and inhibition of competitive fighting in food deprived mice. *Journal of Genetic Psychology*, 86:131-141, 1955.
- FREDERICSON, E., STORY, A. W., GURNEY, N. L., and BUTTERWORTH, K.: The relationship between heredity, sex, and aggression in two inbred mouse strains. *Journal of Genetic Psychology*, 87:121-130, 1955.
- FREEDMAN, D., ELLIOT, O., and KING, J. A.: Critical period in the social development of dogs. *Science*, 133:1016-1017, 1961. (Also acknowledges MH-5643).
- KAHN, MARVIN W.: The effect of severe defeat at various age levels on the aggressive behavior of mice. *Journal of Genetic Psychology*, 79:117-130, 1951.
- KAHN, MARVIN W.: Infantile experience and mature aggressive behavior of mice: Some maternal

- influences. *Journal of Genetic Psychology*, 84: 65-75, 1954.
- KING, J. A.: Closed social groups among domestic dogs. *Proceedings of the American Philosophical Society*, 98:327-336, 1954.
- KING, J. A.: Social behavior, social organization, and population dynamics in a black-tailed prairie-dog town in the Black Hills of South Dakota. Contributions of the Laboratory for Vertebrate Biology (University of Michigan), 67:1-123, 1955.
- KING, J. A.: Social relations of domestic guinea pig living under semi-natural conditions. *Ecology*, 37:221-228, 1956.
- KING, J. A.: Sexual behavior of C57BL/10 mice and its relation to early social experience. *Journal of Genetic Psychology*, 88:223-229, 1956.
- KING, J. A.: Intra- and interspecific conflict of "Mus" and "Peromyscus." *Ecology*, 38:355-357, 1957.
- KING, J. A.: Relationships between early social experience and adult aggressive behavior in inbred mice. *Journal of Genetic Psychology*, 90:151-166, 1957.
- KING, J. A.: Maternal behavior and behavioral development in two subspecies of "Peromyscus maniculatus." *Journal of Mammalogy*, 39:177-190, 1958.
- KING, J. A.: Parameters relevant to determining the effect of early experience upon the adult behavior of animals. *Psychological Bulletin*, 55: 46-58, 1958.
- KING, J. A.: The social behavior of prairie dogs. *Scientific American*, 201(4):128-140, 1959.
- KING, J. A.: Swimming and reaction to electric shock in two subspecies of deer mice (*Peromyscus maniculatus*) during development. *Animal Behaviour*, 9:142-150, 1961. (Also acknowledges MH-5643).
- KING, J. A.: Development and behavioral evolution in "Peromyscus." In: Blair, W. F., ed. *Vertebrate speciation*. Austin, Texas, University of Texas Press, 1961, p. 122-145. (Also acknowledges MH-5643).
- KING, J. A.: Maternal behavior in "Peromyscus." In: Rheingold, H. L., ed. *Maternal behavior of mammals*. Baltimore, Wiley and Sons, 1963, p. 58-93. (Also acknowledges MH-5643).
- KING, J. A., and CONNOR, H.: Effects of social relationships upon mortality in C57BL/10 mice. *Physiological Zoology*, 28:233-239, 1955.
- KING, J. A., and DESHAIES, J.: A comparison of two subspecies of "Peromyscus maniculatus" at weaning. *Anatomical Record*, 134:593, 1959.
- KING, J. A., DESHAIES, J. C., and WEBSTER, R.: Age of weaning in two subspecies of deer mice. *Science*, 139:483-484, 1963. (Also acknowledges MH-5643).
- KING, J. A., and ELEFThERIOU, B. E.: Effects of social experience in the laboratory upon the adaptation of "Peromyscus" to a neutral environment (Abstract) *Anatomical Record*, 128:576, 1957.
- KING, J. A., and ELEFThERIOU, B. E.: Effect of early handling upon adult behavior in two subspecies of deer mice, "Peromyscus maniculatus." *Journal of Comparative and Physiological Psychology*, 52:82-88, 1959.
- KING, J. A., and ELEFThERIOU, B. E.: Differential growth in the skulls of two subspecies of deer mice. *Growth*, 24:179-192, 1960.
- KING, J. A., and GURNEY, N. L.: Effect of early social experience on adult aggressive behavior of C57BL/10 mice. *Journal of Comparative and Physiological Psychology*, 47:326-330, 1954.
- KING, J. A., and LEVY, J.: The effects of testosterone propionate on fighting behavior in young male C57BL/10 mice. (Abstract) *Anatomical Record*, 117:562-563, 1953.
- KING, J. A., and MAVROMATIS, A.: The effects of a conflict situation on the learning ability in two strains of inbred mice. *Journal of Comparative and Physiological Psychology*, 49:465-468, 1957.
- KING, J. A., and NICHOLS, J.: Problems of classification. In: Waters, R., & Rothlingshafer, J., eds. *Comparative psychology*. New York, McGraw-Hill, 1960.
- KING, JOHN A., and SCOTT, JOHN PAUL: Aggression. Chicago, University of Chicago, 1959, 149 p.
- KING, J. A., and SHEA, N.: Behavioral development in two subspecies of "Peromyscus maniculatus." (Abstract) *Anatomical Record*, 131:572, 1958.
- KING, J. A., and SHEA, N.: Subspecific differences in the response of young deer mice on an elevated platform. *Journal of Heredity*, 50:14-19, 1959.
- LEVINE, S.: Emotionality and aggressive behavior in the mouse as a function of infantile experience. *Journal of Genetic Psychology*, 94:77-1959. (Also acknowledges MH-1051 and MH-1630).
- ROSEN, J., and HART, F. M.: Effects of early social isolation upon adult timidity and dominance in "Peromyscus." *Psychological Reports*, 13:47-1963. (Also acknowledges MH-5643).
- ROSS, SHERMAN: Effects of early weaning on suckling behavior in cocker spaniel puppies. *Anatomical Record*, 111(3):492, 1951.
- ROSS, SHERMAN: Sucking behavior in neonate dogs. *Journal of Abnormal and Social Psychology*, 46(2):142-149, 1951.

- ROSS, SHERMAN, DENENBERG, VICTOR H., FROMMER, G. P., and SAWIN, P. B.: Genetic, physiological and behavioral background of reproduction in the rabbit. V. Nonretrieving of neonates. *Journal of Mammalogy*, 40(1):91-96, 1959.
- ROSS, SHERMAN, GINSBURG, BENSON E., and DENENBERG, VICTOR H.: The use of the split-litter technique in psychological research. *Psychological Bulletin*, 54(2):145-151, 1957.
- ROSS, SHERMAN, SCOTT, J. P., CHERNER, MARIA, and DENENBERG, VICTOR H.: Effects of restraint and isolation on yelping in puppies. *Animal Behavior*, 8:1-5, 1960. (Also acknowledges MH-522).
- SCOTT, J. P.: The relative importance of social and hereditary factors in producing disturbances in life adjustment during periods of stress in laboratory animals. In: Wolf, Harold G., Wolf, Steward G., Jr., and Mare, Clarence C., eds. *Life stress and bodily disease*. Proceedings of the Association, December 2 and 3, 1949, New York. Vol. 29. Baltimore, Williams & Wilkins, 1950, p. 61-71.
- SCOTT, J. P., and FREDERICSON, EMIL: The causes of fighting in mice and rats. *Physiological Zoology*, 24(4):273-309, 1951.
- SCOTT, J. P., FREDERICSON, EMIL, and FULLER, JOHN L.: Experimental exploration of the critical period hypothesis. *Personality*, 1(2):162-183, 1951.
- SCOTT, J. P., and MARSTON, MARY-VESTA: Non-adaptive behavior resulting from a series of defeats in fighting mice. *Journal of Abnormal and Social Psychology*, 48(3):417-428, 1953.
- SCOTT, J. P., ROSS, S., FISHER, A. E., and KING, D.: The effects of early enforced weaning on sucking behavior of puppies. *Journal of Genetic Psychology*, 95:261-281, 1959. (Also acknowledges MH-522).
- TOLLMAN, J., and KING, J. A.: The effects of testosterone propionate on aggression in male and female C57BL/10 mice. *British Journal of Animal Behaviour*, 4:147-149, 1956.
- WILLIAMS, ELIZABETH, and SCOTT, J. P.: The development of social behavior patterns in the mouse, in relation to natural periods. *Behaviour*, 6(1):35-64, 1953.
- MH-129 (R01) FERRARO, ARMANDO M.: Prevention of experimental allergic encephalomyelitis. New York State Psychiatric Institute, New York, N.Y. (1950-52)
- FERRARO, A., and ROIZIN, L.: Production of experimental encephalomyelitis with calcium acetate compound extracted from brain tissue. *Journal of Neuropathology and Experimental Neurology*, 10:394-407, 1951.
- MH-139 (R01) BENDER, MORRIS B.: Changes in perceptual functions in functional psychos. New York University, New York, N.Y. (1949-52)
- BENDER, M. B.: The phenomenon of sensory displacement. *A. M. A. Archives of Neurology and Psychiatry*, 65:607-621, 1951.
- BENDER, MORRIS B.: Disorders in perception. Springfield, Illinois, Charles C. Thomas, 1952, 109 p.
- BENDER, M. B., and FINK, M.: Tactile perceptual tests in the differential diagnosis of psychiatric disorders. *Journal of the Hillside Hospital*, 1:21-31, 1952.
- BENDER, M. B., FINK, M., and GREEN, M.: Patterns in perception on simultaneous tests of face and hand. *A. M. A. Archives of Neurology and Psychiatry*, 66:355-362, 1951.
- BENDER, MORRIS B., and KRIEGER, H. P.: Visual function in perimetrically blind fields. *A. M. A. Archives of Neurology and Psychiatry*, 65:72-79, 1951.
- BENDER, M. B., and KRIEGER, H. P.: Background illumination and the visual threshold in hemianopic areas. *Neurology*, 3:102-110, 1953.
- BENDER, M., and NATHANSON, M.: Patterns in allesthesia and their relation to disorder of body scheme and other sensory phenomena. *Archives of Neurology and Psychiatry*, 64:501-515, 1950.
- BERGMAN, P. S., NATHANSON, M., and BENDER, M. B.: The effects of drugs on normal and abnormal electrically recorded eye movements. *Transactions of the American Neurological Association*, 76:232-234, 1951.
- BERGMAN, P. S., NATHANSON, M., and BENDER, M. B.: Electrical recordings of normal and abnormal eye movements modified by drugs. *A. M. A. Archives of Neurology and Psychiatry*, 67:357-374, 1952.
- FINK, M., GREEN, M., and BENDER, M. B.: The face-hand test as a diagnostic sign of organic mental syndrome. *Neurology*, 2:46-58, 1952.
- FINK, MAX, GREEN, M. A., and BENDER, M. B.: Perception of simultaneous tactile stimuli by mentally defective subjects. *Journal of Nervous and Mental Disease*, 117:43-49, 1953.
- GREEN, M. A., and BENDER, M. B.: Cutaneous perception in the aged. *A. M. A. Archives of Neurology and Psychiatry*, 69:577-581, 1953.
- JAFFER, J., and BENDER, M. B.: Perceptual patterns during recovery from general anesthesia. *Journal of Neurology, Neurosurgery and Psychiatry*, 14:316-321, 1951.



14/2: N21a/991

U.S. Department of Justice

- JAFFE, JOSEPH, and BENDER, MORRIS B.: The factor of symmetry in the perception of two simultaneous cutaneous stimuli. *Brain*, 75:167-176, 1952.
- KRIEGER, H. P., and BENDER, M. B.: Dark adaptation in perimetrical blind fields. *Archives of Ophthalmology*, 46:625-636, 1951.
- SHAPIRO, M. F., FINK, M., and BENDER, M. B.: Exosomesthesia or displacement of cutaneous sensation into extrapersonal space. *Archives of Neurology and Psychiatry*, 68:481-490, 1952.
- MH-142 (R01) BROWN, JUDSON S., and FARBER, I. E.: Development of conditioned fear responses. Iowa, State University of Iowa City, Iowa. (1949-54)
- ARMUS, H. L.: The effect of percentage of reinforcement and distribution of acquisition trials on extinction of conditioned fear. *Psychological Reports*, 6:387-390, 1960.
- BROWN, J. S., and FARBER, I. E.: Emotions conceptualized as intervening variables, with suggestions toward a theory of frustration. *Psychological Bulletin*, 48:465-495, 1951.
- BROWN, J. S., KALISH, H. I., and FARBER, I. E.: Conditioned fear as revealed by magnitude of startle response to an auditory stimulus. *Journal of Experimental Psychology*, 41(5):317-328, 1951.
- BROWN, JUDSON S., MERYMAN, J. W., and MARZOCO, F. N.: Sound-induced startle response as a function of time since shock. *Journal of Comparative and Physiological Psychology*, 49(2):190-194, 1956.
- KALISH, H. I.: Strength of fear as a function of number of acquisition and extinction trials. *Journal of Experimental Psychology*, 47:1-9, 1954.
- MH-148 (R01) SHAKOW, DAVID: Psychological functioning in schizophrenia. Illinois, University of Chicago, Ill. (1949-51)
- HUSTON, PAUL E., and SHAKOW, D.: Learning capacity in schizophrenia: With special reference to the concept of deterioration. *American Journal of Psychiatry*, 105:881-888, 1949.
- SHAKOW, D.: Some psychological features of schizophrenia. In: Reymert, M. L., ed. *Feelings and emotions*. The Mooseheart Symposium, 1950. New York, McGraw-Hill, 1950, p. 383-390.
- SHAKOW, D.: Normalisierungstendenzen bei chronisch Schizophrenen: Konsequenzen für die Theorie der Schizophrenie. ("Normalization" trends in chronic schizophrenic patients: Some implications for schizophrenia theory). *Schizophrenia Bulletin*, 1:1-11, 1975.
- SHAKOW, D.: A theory of the formal psychological deficit in schizophrenia. Fifth George Kirby C. Lier Memorial Lecture at University of Rochester, December, 1960. *Archives of General Psychiatry*, 6:1-17, 1962.
- SHAKOW, DAVID: Discussion of papers relating to definition of variables. In: Strupp, Hans H., and Luborsky, Lester, eds. *Research in psychotherapy*. Vol. 2. Washington, D.C., American Psychological Association, 1962, p. 237-241.
- SHAKOW, D.: Psychological deficit in schizophrenia. *Behavioral Science*, 8:275-305, 1963.
- MH-151 (R01) CONEL, J. LEROY: Postnatal development of human cerebral cortex. Children's Hospital Medical Center, Boston, Mass. (1949-63)
- CONEL, J. LEROY: The postnatal development of the human cerebral cortex. Vol. 4. The cortex of the six-month infant. Cambridge, Mass., Harvard University Press, 1951, 189 p.
- CONEL, L. LEROY: The postnatal development of the human cerebral cortex. Vol. 5. The cortex of the fifteen-month infant. Cambridge, Mass., Harvard University Press, 1955, 221 p.
- CONEL, J. LEROY: The postnatal development of the human cerebral cortex. Vol. 6. The cortex of the twenty-four month infant. Cambridge, Mass., Harvard University Press, 1959, 309 p.
- CONEL, J. LEROY: The postnatal development of the human cerebral cortex. Vol. 7. The cortex of the four-year child. Cambridge, Mass., Harvard University Press, 1963.
- MH-156 (R01) BODER, DAVID P.: Psychological analysis of persons from DP camps. Illinois, Institute of Technology, Chicago, Ill. (1949-51) (Continued as MH-582).
- BODER, DAVID P.: Topical autobiographies of displaced people: Recorded verbatim in displaced persons camps, with a psychological and anthropological analysis. 16 Vols. Privately Printed, Los Angeles, Calif., 1957. (Processed) (Continued as MH-582).
- MH-161 (R01) SWEET, WILLIAM H., COBB, S. L., and WHITE, JAMES C.: Effect of partial resection on cerebral function. Massachusetts General Hospital, Boston, Mass. (1949-53)
- BAKAY, L., and SWEET, WILLIAM H.: Cervical intra-cranial, intra-arterial pressures with and without vascular occlusion. *Surgery, Gynecology, and Obstetrics*, 95:67-75, 1952.

- PAUL, SPRINGFIELD, ILL., CHARLES C. THOMAS, 1953, p. 99-115.
- BONNER, F., COBB, S., SWEET, W. H., and WHITE, J. C.: Frontal lobe surgery: Its value in the treatment of pain with consideration of postoperative psychological changes. *Psychosomatic Medicine*, 14:9-10, 1952.
- BONNER, F., COBB, S., SWEET, W. H., and WHITE, J. C.: Frontal lobe surgery in the treatment of pain. *Psychosomatic Medicine*, 14:383-405, 1952.
- YAKOVLEV, P. I., HAMLIN, H., and SWEET, W. H.: Frontal lobotomy. Neuroanatomical observations. *Journal of Neuropathology and Experimental Neurology*, 9:250-285, 1950.
- YAKOVLEV, P. I., HAMLIN, H., and SWEET, W. H.: Anatomical study of lobotomy. Survey of six specimens from 11-235 days postoperative survival. In: Greenblatt, Milton, Arnot, Robert, and Solomon, Harry C., eds. *Studies in lobotomy*. New York, Grune and Stratton, 1950, p. 309-329.
- MH-163 (R01) BRENNAN, MARGARET, and GILL, MERTON M.: Hypnosis and its use in psychotherapy. Austin Riggs Center, Stockbridge, Mass. (1948-52) (Continued from MH-031).
- BRENNAN, MARGARET: The phenomena of hypnosis. In: Problems of consciousness, Transactions of the first conference, March 20-21, 1950. New York, Josiah Macy Jr. Foundation, 1951, p. 123-163. (Also acknowledges MH-31).
- BRENNAN, MARGARET: On teasing and being teased: And the problem of "moral masochism". *Psychoanalytic Study of the Child*, 7:264-284, 1952. (Also acknowledges MH-31).
- BRENNAN, MARGARET: Dreams and hypnosis. *Psychoanalytic Quarterly*, 18:455-465, 1949. Also in: Austin Riggs Center. Psychoanalytic psychiatry and psychology. *Clinical and theoretical papers*. Vol. 1. New York, International Universities Press, 1954, p. 321-329. (Also acknowledges MH-31).
- BRENNAN, MARGARET, DARROW, CHESTER W., HENRY, CHARLES E., and GILL, MERTON M.: Inter-area electroencephalographic relationships affected by hypnosis. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 2:231, 1950. (Also acknowledges MH-31).
- BRENNAN, MARGARET, GILL, M., and KNIGHT, R. P.: Spontaneous fluctuations in depth of hypnosis and their implications for ego function. *International Journal of Psycho-Analysis*, 33:22-33, 1952. Also in: Austin Riggs Center, Psychoanalytic psychiatry and psychology. *Clinical and theoretical papers*. Vol. 1. New York, International Universities Press, 1954, p. 330-350. (Also acknowledges MH-31).
- EHRENREICH, GERALD A.: The relationship of certain descriptive factors to hypnotizability. In: *Transactions of the Kansas Academy of Sciences*, Kansas City, 52(1):1949, 4 p. Also acknowledges MH-31).
- GILL, MERTON M.: Ego psychology and psychotherapy. *Psychoanalytic Quarterly*, 20:62-71, 1951. (Also acknowledges MH-31).
- MH-165 (R01) WITTMAN, PHYLLIS: Prodromal factors in mental illness. Elgin State Hospital, Elgin, Ill. (1950-52)
- HUFFMAN, P. W., and WENIG, P. W.: Prodromal behavior patterns in mental illness. Springfield, Ill., State Department of Public Welfare, 1954.
- MH-171 (R01) BENDER, LAURETTA: Schizophrenia in children. New York University, New York, N.Y. (1949-52)
- BAUER, IRVING L., and GUREVITZ, S.: Group therapy with parents of schizophrenic children. *International Journal of Group Psychotherapy*, 2:344-357, 1952.
- BENDER, LAURETTA: Aggression, hostility and anxiety in children. Springfield, Ill., Charles C. Thomas, 1953, 184 p.
- BENDER, LAURETTA: Childhood schizophrenia. *Psychiatric Quarterly*, 27:663-681, 1953.
- BENDER, LAURETTA: Current research in childhood schizophrenia. (Abstract) *American Journal of Psychiatry*, 110(11):855-856, 1954.
- BENDER, LAURETTA: A dynamic psychopathology of childhood. Springfield, Ill., Charles Thomas, 1954, 275 p.
- BENDER, LAURETTA: The schizophrenic child. In: Michael-Smith, Harold, ed. *Pediatric problems in clinical practice: Special medical and psychological aspects*. New York; Grune & Stratton, 1954, p. 51-70.
- BENDER, LAURETTA: Twenty years of research on schizophrenic children with special reference to those under six years of age. In: Caplan, Gerald, ed. *Emotional problems of early childhood*. New York, Basic Books, 1955, p. 503-519.
- BENDER, LAURETTA: Schizophrenia in childhood: Its recognition, description and treatment. *American Journal of Orthopsychiatry*, 26:499-506, 1956.
- BENDER, LAURETTA: What are the influential factors that predispose the youth of our society to delinquency and crime? In: Cohen, Frank J., ed.

- Youth and Crime*. Proceedings of Law Enforcement Institute, New York University. New York, International Universities Press, 1957, p. 80-104.
- BENDER, LAURETTA: Diagnostic and therapeutic aspects of childhood schizophrenia. In: Bowman, P.W., ed. *Mental retardation*. Proceedings of 1st International Medical Conference. New York, Grune & Stratton, 1960, p. 453-468.
- BENDER, LAURETTA: Clinical research from in-patient services for children, 1920-1957. *Psychiatric Quarterly*, 35:88-120, 1961.
- BENDER, LAURETTA: Developmental neuropsychiatry: The future in child psychiatry. In: Hoch, P., and Zubin, J., eds. *The future in child psychiatry*. New York, Grune & Stratton, 1962, p. 200-215.
- BENDER, LAURETTA: The origin and evolution of the Gestalt function, the body image and delusional thoughts in schizophrenia. In: Wortis, Joseph, ed. *Recent advances in biological psychiatry*. New York, Plenum Press, 1963, p. 38-62.
- BENDER, LAURETTA: Genesis of hostility in children. *Psychoanalytic Review*, 50:95-102, 1964.
- BENDER, LAURETTA, and FREEDMAN, A. M.: When the childhood schizophrenic grows up. *American Journal of Orthopsychiatry*, 27:553-565, 1957.
- BENDER, LAURETTA, FREEDMAN, A., GRUGETT, A. E., and HELME, WILLIAM: Schizophrenia in childhood: A confirmation of the diagnosis. *Transactions of American Neurological Association*, 77:67-73, 1952.
- BENDER, LAURETTA, and GRUGETT, A. E., JR.: A follow-up report on children who had atypical sexual experiences. *American Journal of Orthopsychiatry*, 22:825-837, 1952.
- BENDER, LAURETTA, and GRUGETT, A. E.: A study of certain epidemiological problems in a group of children with childhood schizophrenia. *American Journal of Orthopsychiatry*, 26:131-145, 1956.
- BENDER, LAURETTA, and GUREVICH, SAUL: The results with psychotherapy with young schizophrenic children. *American Journal of Orthopsychiatry*, 25:162-170, 1955.
- BENDER, LAURETTA, and HELME, W.: A quantitative test of theory and diagnosis indicators of childhood schizophrenia. *Archives of Neurology and Psychiatry*, 70:413-427, 1953.
- BENDER, LAURETTA, and KEELER, RAYMOND: The body image of schizophrenic children following electroshock therapy. *American Journal of Orthopsychiatry*, 22:335-355, 1952.
- BENDER, LAURETTA, and KEELER, W. R.: A follow-up study of children with behavior disorders and Sydenham's chorea. *American Journal of Psychiatry*, 109:421-428, 1952.
- EFFRON, ABRAHAM, and FREEDMAN, ALFRED M.: The treatment of behavior disorders in children with benadryl. *Journal of Pediatrics*, 42:261-266, 1953.
- FREEDMAN, A. M.: Maturation and its relation to the dynamics of childhood schizophrenia. *American Journal of Orthopsychiatry*, 24:487-491, 1954.
- GOLDBERG, I.: Use of remedial tutoring as a method of psychotherapy in schizophrenic children with reading disability. *Quarterly Journal of Child Behavior*, 4:273-281, 1952.
- GUREVITZ, S.: Direct analytic therapy and symbolic fulfillment reviewed as to their applicability to childhood schizophrenia. *Quarterly Journal of Child Behavior*, 3:276-288, 1951.
- GUREVITZ, S.: Psychotherapy of a schizophrenic child through activation of neurotic symptoms. *Quarterly Journal of Child Behavior*, 4:139-155, 1952.
- GUREVITZ, S.: The total point of view in psychotherapy of schizophrenic children. *Psychoanalysis*, 1:62-73, 1953.
- GUREVITZ, S.: The parents of the schizophrenic child. *Psychoanalysis*, 2:36-40, 1954.
- GUREVITZ, S., and GRUGETT, A. E.: A letter to a mother of a schizophrenic child. *Quarterly Journal of Child Behavior*, 4:281-288, 1952.
- GUREVITZ, SAUL, and HELME, WILLIAM H.: Effects of electroconvulsive therapy on personality and intellectual functioning of the schizophrenic child. *Journal of Nervous and Mental Disease*, 120:213-226, 1954.
- GUREVITZ, SAUL, and KLAPPER, ZELDA S.: Techniques for and evaluation of the responses of schizophrenic and cerebral palsied children to the children's apperception test (C.A.T.). *Quarterly Journal of Child Behavior*, 3:38-65, 1951.
- PECK, H. B., RABINOVITCH, R. D., and CRAMER, J. B.: A treatment program for parents of schizophrenic children. *American Journal of Orthopsychiatry*, 19:592-598, 1949.
- MH-174 (R01) DANIELS, GEORGE E.: Psychosomatic aspects of ulcerative colitis. Columbia University, New York, N.Y. (1949-51)
- FLOOD, C. A., LEPORE, M. J., HIATT, R. B., and KARUSH, A.: Prognosis in ulcerative colitis. *Journal of Chronic Diseases*, 4(3):267-282, 1956.
- HIATT, R. B., ENGLE, C., FLOOD, C., and KARUSH, A.: The role of the granulocyte as the source of lysozyme in ulcerative colitis. *Journal of Clinical Investigation*, 31(7):721-726, 1952.
- KARUSH, AARON, and DANIELS, GEORGE E.: Ulcerative colitis—The psychoanalyses of two cases. *Psychosomatic Medicine*, 15(2):140-167, 1953.

- KARUSH, AARON, HIATT, ROBERT B., and DANIELS, GEORGE E.: Psychophysiological correlations in ulcerative colitis. *Psychosomatic Medicine*, 17(1): 36-56, 1955.
- MH-175 (R01) DANIELS, GEORGE E.: Psychological factors in amenorrhea. Columbia University, New York, N.Y. (1949-50)
- EASSER, RUTH: A case of amenorrhea showing psycho-hormonal interrelationships. *Psychosomatic Medicine*, 16(5):426-432, 1954.
- KELLEY, KENNETH, DANIELS, GEORGE E., POE, J., EASSER, RUTH, and MONROE, RUSSELL: Psychological correlations with secondary amenorrhea. *Psychosomatic Medicine*, 16(2):129-147, 1954.
- MH-180 (R01) HARRIS, LILLIAN E., ALDRICH, C. ANDERSON: Child growth and development. Rochester Child Health Institute, Rochester, Minn. (1948-51)
- ALDRICH, C. ANDERSON: What is the Rochester Child Health Institute? *Journal of Home Economics*, 40:359-360, 1948.
- ALDRICH, C. ANDERSON, and HEWITT, EDITH S.: Outlines for well baby clinics; Recording development of second twelve months. *Pediatrics*, 2:69-73, 1948.
- HARRIS, L. E.: The first line of defense. *Minnesota Medicine*, 31:1319-1323, 1948.
- HARRIS, L. E.: Emergencies in the newborn period. *Minnesota Medicine*, 33:1204-1207, 1950.
- LOWENBERG, MIRIAM E.: A community program for child development. *Childhood Education*, 25:22-27, September 1948.
- LOWENBERG, MIRIAM E.: The nurse can help with child feeding problems. *Public Health Nursing*, 43:198-201, 1951.
- ROBERTS, K. E., and SCHVEILLKPF, J. A.: Eating, sleeping, and elimination practices of a group of two-and-one-half-year-old children. I. Introduction. *American Journal of Diseases of Children*, 82:121-152, 1951.
- SPOCK, BENJAMIN M.: The Child Health Institute in Rochester, Minnesota. *American Journal of Public Health*, 39:854-857, 1949.
- SPOCK, BENJAMIN M.: Chronic resistance to sleep in infancy. *Pediatrics*, 4:89-93, 1949.
- SPOCK, BENJAMIN M.: Schools are a fertile field for mental-health efforts. *Child*, 15:10-11 and 39, 1950.
- SPOCK, BENJAMIN M.: Some common diagnostic problems in children. *Medical Clinics of North America*, 34(4):1079-1089, 1950.
- SPOCK, BENJAMIN M.: Teaching the broader aspects of pediatrics. *Pediatrics*, 5:21-23, 1950.
- MH-188 (R01) MALZBERG, BENJAMIN: Hospital discharge and mortality rates. New York State Department of Mental Hygiene, Albany, N.Y. (1949-52)
- MALZBERG, BENJAMIN: Rates of discharge and rates of mortality among first admissions to the New York civil state hospitals. *Mental Hygiene*, 36(1):104-120, 1952.
- MALZBERG, BENJAMIN: Rates of discharge and rates of mortality among first admissions to the New York civil state hospitals. Second study. *Mental Hygiene*, 36(4):618-638, 1952.
- MALZBERG, BENJAMIN: Rates of discharge and rates of mortality among first admissions to the New York civil state hospitals. Third study. *Mental Hygiene*, 36(4):639-654, 1952.
- MALZBERG, BENJAMIN: Further studies of mortality among patients with mental disease. In: Report of the Fourth International Medical Conference of Life Insurance. Stockholm, Ivar Haeggstroms Boktryckeri, 1952, p. 215-230.
- MALZBERG, BENJAMIN: Cohort studies of mental disease in New York State, 1943-1949. New York, National Association for Mental Health, 1958, 113 p. (Also acknowledges MH-1140).
- MALZBERG, BENJAMIN: Mortality among mental defectives in New York State schools for mental defectives. *Neurology (Bulletin of the Neurological Society of India)*, 7(4):65-70, 1959.
- MALZBERG, BENJAMIN: Statistics of admissions to and discharges from state schools for mental defectives. *Mental Hygiene*, 44(3):434-441, 1960.
- MH-189 (R01) MAGOUN, HORACE W., LINDSLEY, DONALD B.: Thalamocortical relationships. Northwestern University, Chicago, Ill. (1949-50)
- JIMENEZ-CASTELLANOS, JUAN.: Thalamus of the cat in horsley-clarke coordinates. *Journal of Comparative Neurology*, 91:307-330, 1949.
- LINDSLEY, D. B.: Emotion. In: Stevens, S. S., ed. *Handbook of experimental psychology*. New York, Wiley, 1951, p. 473-516.
- LINDSLEY, D. B., BOWDEN, J. W., and MAGOUN, H. W.: Effect upon the electroencephalograph of acute injury to the brain stem activating system. *Electroencephalography and Clinical Neurophysiology*, 1:475-486, 1949.
- MAGOUN, H. W.: Caudal and cephalic influences of the brain stem reticular formation. *Physiological Review*, 30:459-474, 1950.
- MAGOUN, H. W.: An ascending reticular activating system in the brain stem. *A.M.A. Archives of Neurology and Psychiatry*, 67:145-154, 1952.
- MAGOUN, H. W.: The ascending reticular activating system. In: Bard, Philip, ed. *Patterns of organic*

14/2: N21a/991

U.S. Department of Justice

- zation in the central nervous system. Vol. 30. Baltimore, Md., Williams & Wilkins, 1953, p. 480-492.
- MORUZZI, G., and MAGOUN, H. W.: Brain stem reticular formation and activation of the electroencephalograph. *Electroencephalography and Clinical Neurophysiology Journal*, 1:455-473, 1949.
- NIEMER, W. T., and JIMENEZ-CASTELLANOS, JUAN: Cortico-thalamic connections in the cat as revealed by "physiological neuronography." *Journal of Comparative Neurology*, 93:101-123, 1950.
- STARZL, T. E., NIEMER, W. T., DELL, M., and FORGRAVE, P. R.: Cortical and subcortical electrical activity in experimental seizures induced by metrazol. *Journal of Neuropathology and Experimental Neurology*, 12:262-276, 1953.
- MH-196 (R01) FULLER, RAYMOND G., EHRLICH, LEON, and HETZEL, WILLARD C.: Law and the administration of mental institutions. National Association for Mental Health, New York, N.Y. (1950-53)
- FULLER, RAYMOND G.: A study of administration of state psychiatric services. New York, National Association for Mental Health, 1954, 60 p. Also in: *Mental Hygiene*, 38(2):177-235, 1954.
- MH-201 (R01) CONVERSE, JOHN M.: Psychology of facial deformities and plastic surgery. New York University, New York, N.Y. (1949-51)
- ABEL, THEODORA M.: Personality characteristics of the facially disfigured. *Transactions of the New York Academy of Sciences, Ser. II*, 8:325-329, 1952.
- ABEL, THEODORA M.: Figure drawings and facial disfigurement. *American Journal of Orthopsychiatry*, 23:253-264, 1953.
- ABEL, THEODORA M.: Facial disfigurement. In: Garrett, James F., ed. *Psychological aspects of physical disability*. Washington, Office of Vocational Rehabilitation, Series No. 210, 1955, p. 112-124.
- ABEL, THEODORA M., and WEISSMANN, SERENA: Psychological aspects: a Rorschach study. *Rorschachiana, International Review of Rorschach and Other Projective Techniques*, 1(2):152-158, 1952.
- MACGREGOR, FRANCES COOKE: Prophylactic aspects of the mental health of the physically disabled. *Archives of Industrial Hygiene and Occupational Medicine*, 5:389-390, 1952.
- MACGREGOR, FRANCES COOKE: Some psycho-social problems associated with facial deformities. *American Sociological Review*, 16:629-638, 1951. Also in: Jaco, E. Gartly, ed. *Patients, physicians and illness: Sourcebook in behavioral science and medicine*, Glencoe, Ill., The Free Press, 1958, p. 265-278.
- MACGREGOR, FRANCES COOKE: Some psychological hazards of plastic surgery of the face. *Plastic and Reconstructive Surgery*, 12:123-130, 1953. Also in: Apple, Dorrian, ed. *Sociological studies of health and sickness: A source book for the health professions*, New York, McGraw-Hill, 1960, p. 145-153.
- MACGREGOR, FRANCES C.: Facial disfigurement and problems of employment: Some social and cultural considerations. In: *Facial disfigurement: A rehabilitation problem*. New York Institute of Reconstructive Plastic Surgery, New York University Medical Center, 1963, p. 123-133.
- MACGREGOR, FRANCES COOKE, ABEL, THEODORA M., BRYT, ALBERT, LAUER, EDITH, and WEISSMANN, SERENA: Facial deformities and plastic surgery: A psychosocial study. Springfield, Ill., C. C. Thomas, 1953, 230 p.
- MACGREGOR, FRANCES COOKE, and SCHAFFNER, BERTRAM: Screening patients for nasal plastic operations: Some sociologic and psychiatric considerations. *Psychosomatic Medicine*, 12:271-291, 1950.
- MH-205 (R01) WARD, ARTHUR A., JR.: Cingulum gyrus of the cerebral cortex. Washington, University of Seattle, Wash. (1949-52)
- FOLTZ, E. L., and WHITE, L. E., JR.: Experimental cingulotomy and modification of morphine withdrawal. *Journal of Neurosurgery*, 14:651-673, 1957.
- MH-210 (R01) CLARK, GEORGE: Cytoarchitecture of structures of the cerebral cortex. Chicago Medical School, Chicago, Ill. (1950-51)
- ROE, ANNE, and SIEGELMAN, M.: A parent-child relations questionnaire. *Child Development*, 34:355-369, 1963. (Also acknowledges MH-210 and MH-3239).
- MH-211 (R01) STOLZ, LOIS M.: Adjustment problems of children born during the war. Stanford University, Stanford, Calif. (1949-54)
- STOLZ, L. M.: The effect of mobilization and war on children. In: Richards, E. A., ed. *Proceedings of the Midcentury White House Conference on Children and Youth*. Raleigh, N.C., Health Publications Institute, 1951, p. 111-122.
- STOLZ, LOIS MEEK: Father relations of war-born children. Stanford, California, Stanford University Press, 1954, 365 p.
- MH-213 (R01) GOLDSTEIN, JACOB: Personal study of concentration camp survivors. New School for Social Research, New York, N.Y. (1940-53)

- GOLDSTEIN, J., LUKOFF, I. F., and STRAUSS, H.: A case study of a concentration camp survivor. *American OSE Review*, 8:11-28, 1951.
- GOLDSTEIN, J., LUKOFF, I. F., and STRAUSS, H.: An analysis of a sample of interviews with Hungarian Jewish survivors of German concentration camps. New York, New School for Social Research, 1951, 180 p. (Processed)
- GOLDSTEIN, J., and STRAUSS, H.: Changes in recall salience of concentration camp experience: A case study. New York, New School for Social Research, 1951, 28 p. (Processed)
- MH-215 (R01) BIBER, BARBARA: Selection of psychologically qualified teachers. Bank Street College of Education, New York, N.Y. (1951-56)
- SHAPIRO, EDNA, BIBER, BARBARA, and MINICHIN, PATRICIA: The cartoons situation test: A semi-structured technique for assessing aspects of personality pertinent to the teaching process. *Journal of Projective Techniques*, 21:172-184, 1957.
- ZIMILES, HERBERT, BIBER, BARBARA, RABINOWITZ, WILLIAM, and HAY, LOUIS: Personality aspects of teaching: A predictive study. *Genetic Psychology Monographs*, 69:101-149, 1964. (Also acknowledges MH-9135).
- MH-226 (R01) GOLD, MITCHELL A.: Personality and expressive movements. Scientific Personality Research Corporation, New York, N.Y. (1950-52)
- GOLD, MITCHELL A.: An approach to the development of a biologic index of character structure. *Journal of Nervous and Mental Disease*, 116:242-255, 1952.
- MH-245 (R01) SOLOMON, HARRY C.: Effect of prefrontal lobotomy on cerebral function. Harvard Medical School, Boston, Mass. (1949-52)
- BOCKOVEN, J. S., and HYDE, R. W.: Application of a sociometric technic to the study of lobotomized patients. *Journal of Nervous and Mental Disease*, 114:95-105, 1951.
- GREENBLATT, M., ROBERTSON, E., and SOLOMON, H. C.: Five year follow-up of one hundred cases of bilateral prefrontal lobotomy. *Journal of the American Medical Association*, 151(3):200-202, 1953.
- GREENBLATT, M., and SOLOMON, H. C.: Survey of nine years of lobotomy investigations. *American Journal of Psychiatry*, 109(4):262-265, 1952.
- GREENBLATT, MILTON, and SOLOMON, HARRY C., eds.: Frontal lobes and schizophrenia. Second lobotomy project of Boston Psychopathic Hospital. New York, Springer, 1953, 425 p.
- GREENBLATT, M., and SOLOMON, H. C.: A theory of frontal lobe functioning based on eight years of lobotomy investigations. *Journal of Nervous and Mental Disease*, 117(2):170, 1953.
- GREENBLATT, M., and SOLOMON, H. C.: Medical progress: Psychosurgery. *New England Journal of Medicine*, 248:19-27, and 59-67, 1953.
- LEVINE, J., GREENBLATT, M., and SOLOMON, H. C.: Bimedial lobotomy: Its superiority over the conventional approach. *New England Journal of Medicine*, 245:888-891, 1951.
- LIN, TSUNG-YI, GREENBLATT, M., and SOLOMON, H. C.: Agitated depression associated with arteriovenous aneurysm of left frontal lobotomy: Recovery after unilateral frontal lobectomy. *New England Journal of Medicine*, 247:631-633, 1952.
- SOLOMON, H. C., and GREENBLATT, M.: Physiological changes predictive of clinical outcome following frontal lobe surgery: Effect of frontal lobe surgery upon systolic blood pressure response to an autonomic drug (Mecholyl). *Psychiatric Treatment*, 21:328-340, 1953.
- TALBOT, B., BELLIS, E. C., and GREENBLATT, M.: Alcoholism and lobotomy. *Quarterly Journal of Studies on Alcohol*, 12(3):386-394, 1951.
- MH-250 (R01) DARROW, CHESTER W.: Psychophysiology of Hypnosis. Institute for Juvenile Research, Chicago, Ill. (1949-50)
- DARROW, CHESTER W., ARNOTT, PETER, STROUP, MAXINE, BRUDO, CHARLES, and KRIS, C.: Preliminary observations on the uses of music in electroencephalography. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 5:116, 1952.
- DARROW, C. W., and CONVERSE, M.: EEG phase and autonomic function. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 2: 225, 1950.
- DARROW, C. W., HENRY, C. E., BRENNMAN, M., and GILL, M.: Inter-area electroencephalographic relationships affected by hypnosis. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 2:231, 1950.
- DARROW, C. W., HENRY, C. E., GILL, M., BRENNMAN, M., and CONVERSE, M.: Frontal motor parallelism and motor-occipital in-phase activity in hypnosis, drowsiness and sleep. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 2:335, 1950.
- DARROW, CHESTER W., WILCOTT, ROBERT C., SIEGEL, ANN, STROUP, MAXINE, and AARONS, L.: Instrumental evaluation of EEG phase relationships. *Electroencephalography and Clinical Neurophysiology*, 8:333-336, 1956.
- MH-252 (R01) METTLER, FRED A.: Space controlled neural lesions. Columbia University, New York, N.Y. (1949-50)

U/12 'N2/a/991

- CARPENTER, M. B., and CARPENTER, C. S.: Analysis of somatotopic relations of the corpus luyi in man and monkey. *Journal of Comparative Neurology*, 95:349-370, 1951.
- CARPENTER, M. B., and METTLER, F. A.: Analysis of subthalamic hyperkinesia in the monkey with special reference to ablations of agranular cortex. *Journal of Comparative Neurology*, 95:125-158, 1951.
- CARPENTER, M. B., and WHITTIER, J. R.: Study of methods for producing experimental lesions of the central nervous system with special reference to stereotaxic technique. *Journal of Comparative Neurology*, 97:73-132, 1952.
- CARPENTER, M. B., WHITTIER, J. R., and METTLER, F. A.: Tremor in the rhesus monkey produced by diencephalic lesions and studied by a graphic method. *Journal of Comparative Neurology*, 93:1-16, 1950.
- HARMAN, PINCKNEY J., and CARPENTER, MALCOLM B.: Volumetric comparisons of the basal ganglia of various primates including man. *Journal of Comparative Neurology*, 93:125, 1950.
- MH-255 (R01) EATON, JOSEPH W.: Effect of culture on incidence of mental disorder. Wayne State University, Detroit, Mich. (1949-53)
- EATON, J. W.: The assessment of mental health. *American Journal of Psychiatry*, 108:81-90, 1951.
- EATON, J. W.: In defense of culture-personality studies. *American Sociological Review*, 16:98-100, 1951.
- EATON, J. W.: Social processes of professional teamwork. *American Sociological Review*, 16:707-713, 1951.
- EATON, JOSEPH W.: Controlled acculturation: A survival technique of the Hutterites. *American Sociological Review*, 17(3):331-340, 1952.
- EATON, JOSEPH W.: Culture and mental disorders: A comparative study of the Hutterites and other populations. Glencoe, Illinois, Free Press, 1955, 254 p.
- EATON, JOSEPH W.: Folk obstetrics and pediatrics meet the M. D.: A case study of social anthropology and medicine. In: Jacob, E. Gartley, ed. *Patients, physicians and illness, sourcebook in behavioral science and medicine*. Glencoe, Ill., Free Press, 1958, p. 207-221.
- EATON, JOSEPH W.: Folk psychiatry. *New Society*, 2(48):9, 1963.
- EATON, JOSEPH W.: Adolescence in a communal society. *Mental Hygiene*, 48(1):66-73, 1964.
- ciety. Lawrence, Kansas, University of Kansas Press, 1956.
- EATON, JOSEPH W., and MAYER, ALBERT J.: The social biology of very high fertility among the Hutterites. *Human Biology*, 25(3):206-263, 1953.
- EATON, JOSEPH W., and WEIL, ROBERT J.: Psychotherapeutic principles in social research. *Psychiatry*, 14(4):439-454, 1951.
- EATON, JOSEPH W., and WEIL, ROBERT J.: Some epidemiological findings in the Hutterite mental health study. In: Interrelations between the social environment and psychiatric disorders. New York, Milbank Memorial Fund, 1953, p. 222-234.
- EATON, JOSEPH W., and WEIL, ROBERT J.: The mental health of the Hutterites. *Scientific American*, 189(6):31-38, 1953.
- EATON, J. W., WEIL, R., and KAPLAN, B.: The Hutterite mental health study. *Mennonite Quarterly Review*, 25:3-19, 1951.
- MH-257 (R01) KABAT, ELVIN A.: Immunochemical studies on acute CNS disorders. New York Medical College, New York, N.Y. (1950-53)
- KABAT, E. A., WOLF, A., and BEZER, A. E.: Studies on acute disseminated encephalomyelitis produced experimentally in rhesus monkeys. VII. The effect of cortisone. *Journal of Immunology*, 68:265-275, 1952.
- KABAT, E. A., WOLF, A., BEZER, A. E., and MURRAY, J. P.: Studies on acute disseminated encephalomyelitis produced experimentally in rhesus monkeys. VI. Changes in the cerebrospinal fluid proteins. *Journal of Experimental Medicine*, 93:615-633, 1951.
- LUMSDEN, C. E., KABAT, E. A., WOLF, A., and BEZER, A. E.: Studies on acute disseminated encephalomyelitis produced experimentally in rhesus monkeys. *Journal of Experimental Medicine*, 92:253-270, 1950.
- MH-260 (R01) ROBINSON, FRANKLIN, and LENNOX, MARGARET A.: Physiological pathogenesis of epilepsy. Yale University, New Haven, Conn. (1949-53)
- HUGHES, ROBERT A., and ROBINSON, FRANKLIN: Acetylcholine and the central nervous system: A review of neurochemical mechanisms. *Yale Journal of Biology and Medicine*, 24:35-47, 1951.
- LENNOX, MARGARET A., and ROBINSON, FRANKLIN: Cingulate-cerebellar mechanisms in the physiological pathogenesis of epilepsy. *Electroencephalography and Clinical Neurophysiology*, 3:197-205, 1951.

- MACLEAN, P. D., HORWITZ, N. H., and ROBINSON, FRANKLIN: Olfactory-like responses in pyriform area to non-olfactory stimulation. *Yale Journal of Biology and Medicine*, 25:160-172, 1952.
- MACLEAN, P. D., ROSNER, B. S., and ROBINSON, FRANKLIN: Pyriform responses to electrical stimulation of olfactory fila, bulb and tract. *American Journal of Physiology*, 189:395-400, 1957.
- ROBINSON, FRANKLIN, and HUGHES, ROBERT A.: Effects of adenine compounds on electrocortical activity. *Journal of Neurophysiology*, 14:387-398, 1951.
- ROBINSON, FRANKLIN, and LENNOX, MARGARET A.: Sensory mechanism in hippocampus, cingulate gyrus and cerebellum of the cat. *Federation Proceedings*, 10(1):Part I, 1951.
- MH-263 (R01) REDLICH, FREDERICK C., and HOLLINGSHEAD, AUGUST B.: Relation of social structure to mental disorders. Yale University, New Haven, Conn. (1950-56)
- AULD, FRANK, JR., and MYERS, JEROME K.: Contributions to a theory for selecting psychotherapy patients. *Journal of Clinical Pathology*, 10(1): 56-60, 1954. (Also acknowledges MH-648).
- HOLLINGSHEAD, A. B., ELLIS, R., and KIRBY, E.: Social mobility and mental illness. *American Sociological Review*, 19:376-384, 1954.
- HOLLINGSHEAD, AUGUST B., and FREEDMAN, LAWRENCE Z.: Social class and the treatment of neurotics. In: National Conference of Social Work. Social Welfare forum. New York, Columbia University Press, 1955, p. 194-205.
- HOLLINGSHEAD, A. B., and REDLICH, F. C.: Social stratification and psychiatric disorders. *American Sociological Review*, 18:163-169, 1953.
- HOLLINGSHEAD, A. B., and REDLICH, F. C.: Social stratification and schizophrenia. *American Sociological Review*, 19:302-308, 1954.
- HOLLINGSHEAD, A. B., and REDLICH, F. C.: Social mobility and mental illness. *American Journal of Psychiatry*, 123:179-188, 1956.
- HOLLINGSHEAD, AUGUST B., and REDLICH, FREDERICK, C.: Social class and mental illness: A community study. New York, Wiley, 1958, 442 p.
- MYERS, JEROME K.: Note on the homogeneity of census tracts: A methodological problem in urban ecological research. *Social Forces*, 32:364-366, 1954.
- MYERS, JEROME K.: An empirical approach to the study of schizophrenia. *Psychiatric Research Reports*, 5:29-38, 1956.
- MYERS, JEROME G., and ROBERTS, BERTRAM H.: A sociological-psychiatric case study of schizophrenia. *Sociology and Social Research*, 39(1): 11-17, 1954.
- MYERS, JEROME K., and SCHAFFER, LESLIE: Social stratification and psychiatric practice: A study of an out-patient clinic. *American Sociological Review*, 19:307-310, 1954.
- REDLICH, F. C.: The concept of normality. *American Journal of Psychotherapy*, 6:551-576, 1952.
- REDLICH, F. C.: The influence of environment on mental health. *Bulletin of the New York Academy of Medicine*, 30:608-621, 1954.
- REDLICH, F. C.: Some sociological aspects of the psychoses. In: Theory and treatment of the psychoses: Some newer aspects. St. Louis, Washington University Studies, 1956, p. 59-75.
- REDLICH, F. C.: Clases sociales, cultura y esquizofrenia. *Acta Neuropsiquiatrica Argentina*, 3:335-340, 1957.
- REDLICH, F. C.: Social aspects of psychotherapy. *American Journal of Psychiatry*, 114:800-804, 1958.
- REDLICH, F. C.: Social aspects of psychotherapy in the United States. In: Masserman, J., and Moreno, J., eds. *Progress in psychotherapy*. Vol. 3. New York, Grune and Stratton, 1958, p. 79-85.
- REDLICH, F. C.: Social class, culture and schizophrenia (in English). In: Ehrhardt, Helmut, ed. *Psychiatrie und Gesellschaft*. Zurich, Huber, 1958, p. 42-47.
- REDLICH, F. C., CAUDILL, W. A., GILMORE, H. R., and Brody, E. B.: Social structure and interaction processes on a psychiatric ward. *American Journal of Orthopsychiatry*, 22:314-334, 1952.
- REDLICH, F. C., and HOLLINGSHEAD, A. B.: Schizophrenia and social structure. *American Journal of Psychiatry*, 110:695-701, 1954.
- REDLICH, F. C., HOLLINGSHEAD, A. B., and BELLIS, E.: Social class difference in attitudes to psychiatry. *American Journal of Orthopsychiatry*, 25: 60-70, 1955.
- REDLICH, F. C., HOLLINGSHEAD, A. B., ROBERTS, B. H., ROBINSON, H. A., FREEDMAN, L. Z., and MYERS, J. K.: Social structure and psychiatric disorders. *American Journal of Psychiatry*, 109:729-734, 1953.
- REDLICH, F. C., ROBINSON, H. A., and HOLLINGSHEAD, A. B.: An investigation of social structure and psychiatric disorders. (Abstract) *American Psychologist*, 7:348, 1952.
- ROBERTS, BERTRAM H., and MYERS, JEROME K.: Religion, national origin, immigration and mental illness. *American Journal of Psychiatry*, 110: 759-764, 1954.
- ROBERTS, BERTRAM H., and MYERS, JEROME K.: Schizophrenia in the youngest male child of the



12: N21a/991

- lower middle class. *American Journal of Psychiatry*, 112:129-134, 1955.
- ROBINSON, H. A., REDLICH, F. C., and MYERS, J. K.: Social structure and psychiatric treatment. *American Journal of Orthopsychiatry*, 24:307-316, 1954.
- SCHAPFER, LESLIE, and MYERS, JEROME K.: Psychotherapy and social stratification: An empirical study of practice in a psychiatric outpatient clinic. *Psychiatry*, 17:83-93, 1954.
- MH-274 (R01) KIRK, SAMUEL A.: Preschool training for mentally handicapped children. Illinois, University of Urbana, Ill. (1950-54)
- KIRK, SAMUEL A.: Experiments in the early training of the mentally retarded. *American Journal of Mental Deficiency*, 56:692-700, 1952.
- KIRK, SAMUEL A.: Early education of the mentally-retarded—an experimental study. Urbana, Ill., University of Illinois Press, 1958, 216 p.
- KIRK, SAMUEL A.: Effects of educational treatment. In: Masland, R. L., Cooke, R. E., and Kolb, L. C., eds. *Mental retardation*. Vol. 39. Baltimore, Williams and Wilkins, 1962, p. 289-294.
- MH-289 (R01) METTLER, FRED A.: Research conference on psychosurgery. Columbia University, New York, N.Y. (1949-52)
- METTLER, FRED A. (Chairman): (Bigelow, Newton, ed.). Criteria for the selection of psychotic patients for psychosurgery. In: Proceedings of the First Research Conference Group in Psychosurgery, 1949. Washington, D.C., Government Printing Office, 1951, p. 5-8. (Public Health Service Publication No. 16).
- METTLER, FRED A. (Chairman): (Bigelow, Newton, ed.). Evaluation of change in patients after psychosurgery. Proceedings of 2nd Research Conference Group in Psychosurgery, 1950. Washington, D.C., Government Printing Office, 1952, 116 p. (Public Health Service Publication No. 156).
- METTLER, FRED A.: The semiresponsible individual. *Psychiatric Quarterly*, 27:608-625, 1952.
- METTLER, FRED A. (Chairman): (Overholser, Winfred, ed.). Evaluation of psychosurgery. Proceedings of Third Research Conference on Psychosurgery. Public Health Service Publication No. 221, Washington, D.C., Government Printing Office, 1954, 173 p.
- MH-295 (R01) POPE, ALFRED: Brain chemistry in mentally ill patients. Massachusetts General Hospital, Boston, Mass. (1951-53)
- HESS, HELEN H., and POPE, ALFRED: Ultramicrospectrophotometric determination of cytochrome oxidase for quantitative histochemistry. *Journal of Biological Chemistry*, 204:295-306, 1953.
- HESS, H. H., and POPE, A.: Intralaminar distribution of cytochrome oxidase activity in human frontal isocortex. *Journal of Neurochemistry*, 5:207-217, 1960.
- POPE, ALFRED: The intralaminar distribution of dipeptidase activity in human frontal isocortex. *Journal of Neurochemistry*, 4:31-41, 1959.
- POPE, A.: Quantitative histochemistry of the cerebral cortex. *Journal of Histochemistry and Cytochemistry*, 8:425-430, 1960.
- POPE, A.: Studies on the biochemical architecture of the isocortex of man. In: Tower, D. B., and Schade, J. P., eds. *Structure and function of the cerebral cortex*. (Proceedings of the Second International Meeting of Neurobiologists, Amsterdam, 1959). Amsterdam, Elsevier, 1960, p. 333.
- POPE, ALFRED: Brain enzymes in mental disease. In: Folch-Pi, Jordi, ed. *Brain enzymes in mental disease*. Proceedings. New York, Pergamon Press, 1961, p. 388-402.
- POPE, A.: Brain enzymes in mental disease. In: Folch, H., ed. *Chemical pathology of the nervous system*. (Proceedings of the Third International Neurochemical Symposium). London, Pergamon Press, 1961, p. 338-402.
- POPE, ALFRED: Applications of microchemistry to problems in neuropathology. *Psychiatric Neurology Neurochirurgia* (Amsterdam), 61(1):1-14, 1961.
- POPE, ALFRED, and HESS, HELEN H.: Quantitative distribution of dipeptidase and cytochrome oxidase in cytoarchitectonic layers of human cerebral cortex. (Abstract) *Federation Proceedings*, 13(1):275, 1954.
- POPE, A., HESS, H. H., and ALLEN, J. N.: Quantitative histochemistry of proteolytic and oxidative enzymes in human cerebral cortex and brain tumors. In: Waelsch, H., ed. *Progress in neurobiology, II. Ultrastructure and cellular chemistry of neural tissue*. New York, Hoeber-Harcourt, 1957, p. 182-191.
- POPE, ALFRED, HESS, HELEN H., WARR, JAMES R., and THOMSON, RUBY H.: Intralaminar distribution of cytochrome oxidase and DPN in rat cerebral cortex. *Journal of Neurophysiology*, 19:270-270, 1956.
- MH-301 (R01) OJEMANN, RALPH H.: Evaluation of a learning program in human behavior. State University of Iowa, Iowa City, Iowa. (1950-54)
- LEVITT, E. E.: Studies in intolerance of ambiguity. I. The decision-location test with grade school children. *Child Development*, 24:264-268, 1953.

- LEVITT, E. E.: Studies in intolerance of ambiguity: II. The effects of "set" on the Decision Location Test. (Abstract) *Proceedings of the Iowa Academy of Science*, 8:398, 1953.
- LEVITT, E. E.: A note on the Welsh MMPI Anxiety Index. (Abstract) *Journal of Consulting Psychology*, 18:112, 1954.
- LEVITT, E. E.: Punitiveness and "causality" in grade school children. *Journal of Educational Psychology*, 46:494-498, 1955.
- LEVITT, E. E.: Effect of a "causal" teacher training program on authoritarianism and responsibility in grade school children. *Psychological Report*, 1: 449-458, 1955.
- LEVITT, E. E.: The development of prejudice: A critique of the Horowitz Faces Test. *Child Development*, 27:155-171, 1956.
- LEVITT, E. E.: A critical review of studies of the water-jar "Einstellung" test as a measure of rigidity. *Psychological Bulletin*, 53:347-370, 1956.
- LEVITT, E. E., and CLARK, C. A.: Knowledge of mental hygiene and "probability thinking" in high school students. (Abstract) *American Psychologist*, 8:389, 1953.
- LEVITT, E. E., and LYLE, W. H.: Evidence for the validity of the children's form of the picture-frustration study. *Journal of Consulting Psychology*, 19:381-386, 1955.
- LEVITT, E. E., and MCCANDLESS, B. R.: Some relationships among tests pertaining to the authoritarian personality syndrome in children. (Abstract) *American Psychologist*, 9:417, 1954.
- LEVITT, E. E., and OJEMANN, R. H.: The aims of preventive psychiatry and "causality" as a personality pattern. *Journal of Psychology*, 36:393-400, 1953.
- LEVITT, E. E., and SCHAEFFER, M. S.: Concerning Kendall's Tau, a non-parametric correlation coefficient. *Psychological Bulletin*, 53(4):338-346, 1956.
- LEVITT, E. E., and ZELEN, S. L.: The validity of the "Einstellung" test as a measure of rigidity. *Journal of Abnormal and Social Psychology*, 48: 573-580, 1953.
- LEVITT, E. E., and ZELEN, S.: An investigation of the water-jar extinction problem as a measure of rigidity. *Psychological Report*, 1:331-334, 1953.
- LYLE, W. H., and LEVITT, E. E.: Situational differences in punitiveness of Iowa school children. *Proceedings of the Iowa Academy of Science*, 61: 378-381, 1954.
- LYLE, W. H., and LEVITT, E. E.: Punitiveness, authoritarianism, and parental discipline of grade school children. *Journal of Abnormal and Social Psychology*, 51(1):42-46, 1955.
- LYLE, W. H., and SMOCK, C. D.: The relationship between manifest anxiety and test anxiety. *Proceedings of the Iowa Academy of Science*, 62: 405-410, 1955.
- OJEMANN, R. H.: An integrated plan for education in human relations and mental health. *Journal of School Health*, 20:99-106, 1950. Also in: *Journal of the National Association of Deans of Women*, 16:101-108, 1953.
- OJEMANN, R. H.: The function of the secondary school in an integrated plan for education in human relations and mental health. *Bulletin of the National Association of Secondary School Principals*, 37(197): 82-89, 1953.
- OJEMANN, R. H.: We can teach human relations. *Journal of Health-Physical Education Record*, February 1955, p. 20-21 and 35.
- OJEMANN, RALPH H.: Four basic aspects of preventive psychiatry. Report of the First Institute on Preventive Psychiatry. Iowa City, State University of Iowa, 1957, 122 p.
- OJEMANN, R. H., LEVITT, E. E., LYLE, W. H., JR., and WHITESIDE, M. F.: The effects of a "causal" teacher training program and certain curriculum changes on grade school children. *Journal of Experimental Education*, December, 1955, p. 95-114.
- ZELEN, S. L., and LEVITT, E. E.: A group level of aspiration technique as a measure of personality rigidity. *Proceedings of the Iowa Academy of Science*, 60:569-573, 1953.
- ZELEN, S. L., and LEVITT, E. E.: Notes on the Wesley Rigidity Scale: The development of a short form. *Journal of Abnormal and Social Psychology*, 49:472-473, 1954.
- MH-305 (R01) CRANDELL, ARCHIE: Postoperative adjustment of psychosurgery patients. New Jersey State Hospital, Greystone Park, N.J. (1951-53)
- CRANDELL, ARCHIE, ZUBIN, JOSEPH, METTLER, FRED, and KUGELMASS, NORMAN: "Mobility" in chronic schizophrenia with special regard to psychosurgery. *Psychiatric Quarterly*, 30:96-113, 1956.
- CRANDELL, ARCHIE, ZUBIN, JOSEPH, METTLER, FRED A., and LOGAN, NOREEN D.: The prognostic value of "mobility" during the first two years of hospitalization for mental disorder. *Psychiatric Quarterly*, 28:185-210, 1954.
- ZOLIK, EDWIN S., and LANTZ, EDNA M.: A comparative study of return rates to two mental hospitals. *Community Mental Health Journal*, 1(3): 233-237, 1965.
- MH-312 (R01) SPENCE, KENNETH W.: Relation of anxiety to behavior disorders. State University of Iowa, Iowa City, Iowa. (1950-55)

- SPENCE, K. W., and TAYLOR, JANET A.: The relation of conditioned response to anxiety in normal, neurotic and psychotic subjects. *Journal of Experimental Psychology*, 45:265-272, 1953.
- TAYLOR, JANET A.: A personality scale of manifest anxiety. *Journal of Abnormal and Social Psychology*, 48:285-290, 1953.
- TAYLOR, JANET A., and SPENCE, K. W.: The relationship of anxiety level to performance in serial learning. *Journal of Experimental Psychology*, 44:61-64, 1952.
- TAYLOR, JANET A., and SPENCE, K. W.: Conditioning level in the behavior disorders. *Journal of Abnormal and Social Psychology*, 49:497-502, 1954.
- MH-313 (R01) FERRIS, EUGENE B., JR., REISER, MORTON F.: Role of the clinician in studies of hypertension. University of Cincinnati, Cincinnati, Ohio. (1950-52)
- LEGGE, D.: Analysis of perception of hand position with and without vision, using a drug. (Abstract) In: 14th International Congress of Applied Psychology, 1961, p. 153-154.
- MH-316 (R01) WATSON, ROGER E.: Early environment and neurosis. Pennsylvania Hospital, Philadelphia, Pa. (1950-53)
- WATSON, ROGER, E.: Experimentally induced conflict in cats. *Psychosomatic Medicine*, 16:340-347, 1954.
- MH-318 (R01) FINESINGER, JACOB E., and GRENNELL, ROBERT G.: Relationship of metabolism and brain function. University of Maryland, Baltimore, Md. (1951-54)
- GRENNELL, R. G., MENDELSON, J., and MCELROY, W. D.: Neuronal metabolism and ATP synthesis in narcosis. *Journal of Cellular and Comparative Physiology*, 46:143-162, 1955.
- MH-320 (R01) JANEWAY, CHARLES A.: Emotional factors in idiopathic celiac disease. Children's Hospital Medical Center, Boston, Mass. (1950-53)
- LLOYD, A. V. C., and SCHWACHMAN, H.: Current concepts in therapy. Diarrhea in children. *New England Journal of Medicine*, 267:1081-1083, 1962.
- PRUGH, DANE G.: Psychophysiological aspects of in-born errors of metabolism. In: Lief, H. I., Lief, V. F., and Lief, N. R., eds. *The psychological basis of medical practice*. New York, Hoeber-Harper, 1963, p. 413-430.
- SCHWACHMAN, H.: Mucoviscidosis and celiac syndrome. *Pediatric Clinics of North America* May: 389-403, 1954.
- SCHWACHMAN, H.: Cystic fibrosis and celiac disease in childhood nutrition. In: Michael-Smith, Harold, ed. *Management of the handicapped child*. New York, Grune & Stratton, 1957, p. 206-225.
- MH-325 (R01) ZANDER, ALVIN F.: Coordination of Community Mental Health Leadership. University of Michigan, Ann Arbor, Mich. (1950-53)
- COHEN, A. R.: Situational structure, self-esteem and threat oriented reactions to power. In: Cartwright, D., ed. *Studies in social power*. Ann Arbor, Michigan, Research Center for Group Dynamics, 1959.
- HURWITZ, J. I., ZANDER, A., and HYMOVITCH, B.: Some effects of power on the relations among group members. In: Cartwright, D., and Zander, A., eds. *Group dynamics research and theory*. Evanston, Ill., Row, Peterson, 1953, p. 800-809.
- STOTLAND, E.: Peer groups and reactions to power figures. In: Cartwright, D., ed. *Studies in social power*. Ann Arbor, Mich., Research Center for Group Dynamics, 1959.
- ZANDER, A., and COHEN, A. R.: Attributed social power and group acceptance. *Journal of Abnormal and Social Psychology*, 51:490-492, 1955.
- ZANDER, A., COHEN, A. R., and STOTLAND, E.: Role relations in the mental health professions. Ann Arbor, Mich., Research Center for Group Dynamics, 1957, 210 p.
- ZANDER, A., COHEN, A. R., and STOTLAND, E.: Power and the relations among professions. In: Cartwright, D., ed. *Studies in social power*. Ann Arbor, Mich., Research Center for Group Dynamics, 1959.
- MH-327 (R01) MIRSKY, I. ARTHUR: The psychodynamics of potential diabetes mellitus. Jewish Hospital of Cincinnati, Cincinnati, Ohio. (1950-51)
- MIRSKY, I. A.: The etiology of diabetes mellitus in man. *Record of Progress in Hormone Research*, 7:437-467, 1952.
- MH-331 (R01) COFFEY, HUBERT S., and POPE, SAXTON, T., JR.: Function of leader and group in group psychotherapy. University of California, Berkeley, Calif. (1950-54)
- BARON, F., and LEARY, T.: Changes in psychoneurotic patients with and without psychotherapy. *Journal of Consulting Psychology*, 19(4):239-245, 1955.
- FREEDMAN, M. B., LEARY, T., OSSORIO, A. G., and COFFEY, H. S.: The interpersonal dimension of personality. *Journal of Personality*, 20:143-161, 1951.
- FREEDMAN, MERVIN, and SWEET, BLANCHE: Some specific features of group psychotherapy and the

- implications for the selection of patients. *International Journal of Group Psychotherapy*, 4(4): 335-368, 1954.
- LAForge, R., FREEMAN, M., LEARY, T., NABOISEK, H., and COFFEY, H.: The interpersonal dimension of personality: II. An objective study of repression. *Journal of Personality*, 23:129-153, 1954.
- LEARY, T.: The theory and measurement methodology of interpersonal communication. *Psychiatry*, 18(2):147-161, 1955.
- LEARY, T.: A theory and methodology for measuring fantasy and imaginative expression. *Journal of Personality*, 25(2):159-175, 1956.
- LEARY, TIMOTHY: Interpersonal diagnosis of personality; a functional theory and methodology for personality evaluation. New York, Ronald Press, 1957, 518 p. (Also acknowledges MH-1013).
- LEARY, T.: Interpersonal dimensions of psychotherapy. New York, Ronald Press, 1957, 518 p. (Also acknowledges MH-1013).
- LEARY, T., and COFFEY, H.: The prediction of interpersonal behavior in group psychotherapy. *Group Psychotherapy*, 7:7-51, 1954.
- LEARY, T., and COFFEY, H.: Interpersonal diagnosis: Some problems of methodology and validation. *Journal of Abnormal and Social Psychology*, 50(1):110-124, 1955.
- SUCZEK, R.: Psychologic aspects of obesity and group weight reduction. *Journal of the American Dietetic Association*, 30(5):442-446, 1954.
- MH-339 (R01) SLOAN, WILLIAM: Standardization of motor proficiency tests. Lincoln State School, Lincoln, Ill. (1950-52)
- SLOAN, W.: The Lincoln-Oseretsky motor development scale. *Genetic Psychology Monographs*, 51: 183-252, 1955.
- MH-342 (R01) SMALL, LEONARD: Personality factors in adolescent vocational choices. Vocational Advisory Service, New York, N.Y. (1951-55)
- SMALL, L.: Personality determinants of vocational choice. *Psychological Monographs*, 67(1):1-21, 1953. (Whole No. 351).
- SMALL, L.: Work and personality adjustment. In: Oates, Wayne E., ed. *The minister's own mental health*. Great Neck, N.Y., Channel Press, 1961.
- MH-348 (R01) WAPNER, SEYMOUR, and WERNER, HEINZ: Mechanisms of perception-personality relationships. Clark University, Worcester, Mass. (1950- )
- BARTON, MELVIN, I., and WAPNER, SEYMOUR: Apparent length of body parts attended to separately and in combination. *Perceptual and Motor*
- BAUERMEISTER, M.: The effect of body tilt on apparent verticality, apparent body position, and their relation. *Journal of Experimental Psychology*, 67:142-147, 1964.
- BAUERMEISTER, M., WAPNER, S., and WERNER, H.: Sex differences in the perception of apparent verticality and apparent body position under conditions of body tilt. *Journal of Personality*, 31: 394-407, 1963.
- BAUERMEISTER, M., WERNER, H., and WAPNER, S.: The effect of body tilt on tactual-kinesthetic perception of verticality. *American Journal of Psychology*, 77:451-456, 1964.
- BLANE, H. T.: Space perception among unilaterally paralyzed children and adolescents. *Journal of Experimental Psychology*, 63:244-247, 1962.
- BRUELL, J. H., and ALBEE, G. W.: Effect of asymmetrical retinal stimulation on the perception of the median plane. *Perceptual and Motor Skills*, 5:133-139, 1955.
- COMALLI, P. E., JR.: Studies in physiognomic perception: VI. Differential effects of directional dynamics of pictured objects on real and apparent motion in artists and chemists. *Journal of Psychology*, 49:99-109, 1960.
- COMALLI, P. E., JR.: Body position and localization of a visual object. *Perceptual and Motor Skills*, 16:86, 1963.
- COMALLI, P. E., JR., KRUS, D. M., and WAPNER, S.: Cognitive functioning in two groups of aged: One institutionalized, the other living in the community. *Journal of Psychology*, 47:259-266, 1959.
- COMALLI, P. E., JR., WAPNER, S., and WERNER, H.: Perception of verticality in middle and old age. *Journal of Psychology*, 48:259-266, 1959.
- COMALLI, P. E., JR., WAPNER, S., and WERNER, H.: Effect of muscular involvement on size perception. *Perceptual and Motor Skills*, 9:116, 1959.
- COMALLI, P. E., JR., WAPNER, S., and WERNER, H.: Interference effects of Stroop color-word test in childhood, adulthood, and aging. *Journal of Genetic Psychology*, 100:47-53, 1962.
- COMALLI, P. E., JR., WERNER, H., and WAPNER, S.: Studies in physiognomic perception: III. Effect of directional dynamics and meaning-induced sets on autokinetic motion. *Journal of Psychology*, 43:289-299, 1957.
- DENNER, B., and WAPNER, S.: Phenomenal time as a determinant of CFF. *Perceptual and Motor Skills*, 19:653-654, 1964.
- DENNER, B., WAPNER, S., MCFARLAND, J. H., and WERNER, H.: Rhythmic activity and the perception of time. *American Journal of Psychology*,

- 1, 14/2 'N2/a/991
- DENNER, B., WAPNER, S., and WERNER, H.: Rhythmic activity and the discrimination of stimuli in time. *Perceptual and Motor Skills*, 19:723-729, 1964.
- DOWLING, ROBERT M.: Visual recognition threshold and concurrent motor activity. *Perceptual and Motor Skills*, 20(3)Part 2:1141-1146, 1965.
- GOLDMAN, A. E.: Studies in vicariousness: Degree of motor activity and the autokinetic phenomenon. *American Journal of Psychology*, 66:613-617, 1953.
- GOLDSTEIN, ALVIN G.: Linear acceleration and apparent distance. *Perceptual and Motor Skills*, 9:267-269, 1959.
- GUNTER, R. C., JR., CHANDLER, K. A., WAPNER, S., and WERNER, H.: A device for measuring angular movements of the body around its own axes. *American Journal of Psychology*, 65:609-613, 1952.
- GUYETTE, A., WAPNER, S., and WERNER, H.: Some aspects of space perception in mental retardates. *American Journal of Mental Deficiency*, 69:90-100, 1964.
- KADEN, S. E., WAPNER, S., and WERNER, H.: Studies in physiognomic perception: II. Effect of directional dynamics of pictured objects and of words on the position of the apparent horizon. *Journal of Psychology*, 39:61-70, 1955.
- KRUS, D. M., WAPNER, S., and WERNER, H.: Studies in vicariousness: Effect of muscular involvement on visual threshold. *American Journal of Psychology*, 71:395-398, 1958.
- KRUS, D. M., WERNER, H., and WAPNER, S.: Studies in vicariousness: Motor activity and perceived movement. *American Journal of Psychology*, 66:603-608, 1953.
- LANGER, J., WAPNER, S., and WERNER, H.: The effect of danger upon the experience of time. *American Journal of Psychology*, 74:94-97, 1961.
- LANGER, JONAS, WERNER, HEINZ, and WAPNER, SEYMOUR: Apparent speed of walking under conditions of danger. *Journal of General Psychology*, 73:291-298, 1965.
- LIEBERT, R. S., WAPNER, S., and WERNER, H.: Studies in the effect of lysergic acid diethylamide (LSD-25): Visual perception of verticality in schizophrenic and normal adults. *A. M. A. Archives of Neurology and Psychiatry*, 77:193-201, 1957.
- LIEBERT, R. S., WERNER, H., and WAPNER, S.: Studies in the effect of lysergic acid diethylamide (LSD-25): Self and object size perception in schizophrenic and normal adults. *A. M. A. Archives of Neurology and Psychiatry*, 79:580-584, 1958.
- McFARLAND, J. H.: Visual and proprioceptive changes during visual exposure to a tilted line. *Perceptual and Motor Skills*, 15:322, 1962.
- McFARLAND, J. H., WAPNER, S., and WERNER, H.: The relation between perceived location of object and perceived location of one's own body. *Perceptual and Motor Skills*, 15:331-341, 1962.
- McFARLAND, J. H., WERNER, H., & WAPNER, S.: The effect of muscular involvement on sensitivity. Asymmetrical convergence on the distribution of visual sensitivity. *American Journal of Psychology*, 73:523-534, 1960.
- McFARLAND, J. H., WERNER, H., and WAPNER, S.: The effect of postural factors on the distribution of tactual sensitivity and the organization of tactual kinaesthetic space. *Journal of Experimental Psychology*, 63:148-154, 1962.
- MILLER, A.: Verbal satiation and the role of concurrent activity. *Journal of Abnormal and Social Psychology*, 66(3):206-212, 1963. (Also see knowledges MH-4915).
- MILLER, A., WERNER, H., and WAPNER, S.: Studies in physiognomic perception: V. Effect of ascending and descending gliding tones on autokinetic motion. *Journal of Psychology*, 46:101-105, 1952.
- MORANT, R. B.: The visual perception of the median plane as influenced by labyrinthian stimulation. *Journal of Psychology*, 47:25-35, 1959.
- MULHOLLAND, T. B.: Motion perceived while viewing rotating stimulus-objects. *American Journal of Psychology*, 69:96-99, 1956.
- MULHOLLAND, T. B.: The "swinging disc" illusion. *American Journal of Psychology*, 71:375-381, 1958.
- OHWAKI, SONOKO: An investigation of figural adaptation: A study within the framework of sensory-tonic field theory. *American Journal of Psychology*, 74:3-16, 1961.
- PORZEMSKY, J., WAPNER, SEYMOUR, and GLICK, J. A.: Effect of experimentally-induced self-objective cognitive attitudes on body and object perception. *Perceptual and Motor Skills*, 21(1):187-195, 1960.
- RAND, G., WAPNER, S., WERNER, H., and McFARLAND, J. H.: Age differences in performance on the Stroop color-word test. *Journal of Personality*, 31:534-558, 1963.
- WAPNER, S.: Some aspects of the sensory-tonic field theory of perception. In: Proceedings of the 11th International Congress of Psychology, Brussels, 1957, p. 336-337.
- WAPNER, S.: An experimental and theoretical approach to body image. *Acta Psychologica*, 26:758-759, 1961. (Proceedings of the 26th International Congress of Psychology, Bonn, 1960).

- WAPNER, S.: An organismic-developmental approach to the study of perceptual and other cognitive operations. In: Scheerer, C., ed. *Cognition: Theory, research, promise*. New York, Harper & Row, 1964.
- WAPNER, S., MCFARLAND, J. H., and WERNER, H.: Effect of visual spatial context on perception of one's own body. *British Journal of Psychology*, 53:222-230, 1962.
- WAPNER, S., and WERNER, H.: Experiments on sensory-tonic field theory of perception: V. Effect of body status on the kinaesthetic perception of verticality. *Journal of Experimental Psychology*, 44:126-131, 1952.
- WAPNER, S., and WERNER, H.: Gestalt laws of organization and organismic theory of perception: Effect of asymmetry induced by the factor of similarity on the position of the apparent median plane and apparent horizon. *American Journal of Psychology*, 68:258-265, 1955.
- WAPNER, S., and WERNER, H.: Perceptual development. Worcester, Mass., Clark University, 1957, 62 p.
- WAPNER, S., WERNER, H., BRUELL, J. H., and GOLDSTEIN, A. G.: Experiments on sensory-tonic field theory of perception: VII. Effect of asymmetrical extent and starting position of figures on the visual apparent median plane. *Journal of Experimental Psychology*, 46:300-307, 1953.
- WAPNER, S., WERNER, H., and CHANDLER, K. A.: Experiments on sensory-tonic field theory of perception: I. Effect of extraneous stimulation on the visual perception of verticality. *Journal of Experimental Psychology*, 42:341-345, 1951.
- WAPNER, S., WERNER, H., and COMALLI, P. E., JR.: Space localization under conditions of danger. *Journal of Psychology*, 41:335-346, 1956.
- WAPNER, S., WERNER, H., and COMALLI, P. E., JR.: Effect of enhancement of head boundary on head size and shape. *Perceptual and Motor Skills*, 8: 319-325, 1958.
- WAPNER, S., WERNER, H., and COMALLI, P. E., JR.: Perception of part-whole relationships in middle and old age. *Journal of Gerontology*, 15:412-416, 1960.
- WAPNER, S., WERNER, H., and KRUS, D. M.: The effect of success and failure on space localization. *Journal of Personality*, 25:752-756, 1957.
- WAPNER, S., WERNER, H., and KRUS, D. M.: Studies in physiognomic perception: IV. Effect of muscular involvement on the dynamic properties of objects. *Journal of Psychology*, 44:129-132, 1957.
- WAPNER, S., WERNER, H., and MORANT, R. B.: Experiments on sensory-tonic field theory of perception: III. Effect of body rotation on the visual perception of verticality. *Journal of Experimental Psychology*, 42:351-357, 1951.
- WERNER, H., and WAPNER, S.: Experiments on sensory-tonic field theory of perception: IV. Effect of initial position of a rod on apparent verticality. *Journal of Experimental Psychology*, 43: 68-74, 1952.
- WERNER, H., and WAPNER, S.: Toward a general theory of perception. *Psychological Review*, 59: 324-338, 1952.
- WERNER, H., and WAPNER, S.: Studies in physiognomic perception: I. Effect of configurational dynamics and meaning-induced sets on the position of the apparent median plane. *Journal of Psychology*, 38:51-65, 1954.
- WERNER, H., and WAPNER, S.: Changes in psychological distance under conditions of danger. *Journal of Personality*, 24:153-167, 1955.
- WERNER, H., and WAPNER, S.: The Innsbruck studies on distorted visual field in relation to an organismic theory of perception. *Psychological Review*, 62:130-138, 1955.
- WERNER, H., and WAPNER, S.: The non-projective aspects of the Rorschach experiment: II. Organismic theory and perceptual response. *Journal of Social Psychology*, 44:193-198, 1956.
- WERNER, H., and WAPNER, S.: Sensory-tonic field theory of perception: Basic concepts and experiments. *Revista di psicologia*, 50:315-337, 1956.
- WERNER, H., WAPNER, S., and BRUELL, J. H.: Experiments on sensory-tonic field theory of perception: VI. Effect of position of head, eyes and of object on position of the apparent median plane. *Journal of Experimental Psychology*, 46: 293-299, 1953.
- WERNER, H., WAPNER, S., and CHANDLER, K. A.: Experiments on sensory-tonic field theory of perception: II. Effect of supported and unsupported tilt of the body on the visual perception of verticality. *Journal of Experimental Psychology*, 42: 346-350, 1951.
- WERNER, H., WAPNER, S., and COMALLI, P. E., JR.: Effect of boundary on perception of head size. *Perceptual and Motor Skills*, 7:69-71, 1957.
- MH-354 (R01) GREENBLATT, MILTON: Psychophysiology of the psychotherapeutic process. Harvard Medical School, Boston, Mass. (1952-57)
- COLLMAN, R., GREENBLATT, M., and SOLOMON, H. C.: Physiological evidence of rapport during psychotherapeutic interviews. *Diseases of the Nervous System*, 17:71-77, 1956.
- DiMASCIO, A., BOYD, R. W., and GREENBLATT, M.: Physiological correlates of tension and antagonism

14/2: N21a/991

- during psychotherapy. *Psychosomatic Medicine*, 19:99-104, 1957.
- DIMASCIO, R., BOYD, R. W., GREENBLATT, M., and SOLOMON, H. C.: The psychiatric interview. *Diseases of the Nervous System*, 16:4-9, 1955.
- KANTER, S. S., and DIMASCIO, A.: Description of the patient: The setting of therapy and summary comments by the psychotherapist. In: Gottschalk, Louis A., ed. *Comparative psycholinguistic analysis of two psychotherapeutic interviews. Part I*. New York, International Universities Press, 1962, p. 15-21.
- KANTER, S. S., and DIMASCIO, A.: Some physiological correlates of the psycholinguistic patterns of two psychiatric interviews. In: Gottschalk, Louis A., ed. *Comparative psycholinguistic analysis of two psychotherapeutic interviews. Part I*. New York, International Universities Press, 1962, p. 139-148.
- WATSON, P. D., DIMASCIO, A., KANTER, S.S., SUTER, E., and GREENBLATT, M.: A note on the influence of climatic factors in psychophysiological investigations. *Psychosomatic Medicine*, 19:419-423, 1957.
- WATSON, P. D., and KANTER, S. S.: Some influences of an experimental situation on the psychotherapeutic process. *Psychosomatic Medicine*, 18:457-470, 1956.
- MH-359 (R01) ADES, HARLOW W.: Effects of brain injury on learning. Emory University, Atlanta, Ga. (1951-54)
- MEYER, D. R., HARLOW, H. F., and ADES, H. W.: Retention of delayed responses and proficiency in oddity problems by monkeys with preoccipital ablations. (Abstract) *American Journal of Psychology*, 64:391, 1951.
- RIOPELLE, A. J.: Transfer suppression and learning sets. *Journal of Comparative and Physiological Psychology*, 46:108-114, 1953.
- RIOPELLE, A. J., and ADES, H. W.: Visual discrimination performance in rhesus monkeys following extirpation of prestriate and temporal cortex. *Journal of Genetic Psychology*, 83:63-77, 1953.
- RIOPELLE, A. J., ALPER, R. G., STRONG, P. N., and ADES, H. W.: Multiple discrimination and patterned string performance of normal and temporal-lobeectomized monkeys. *Journal of Comparative and Physiological Psychology*, 46:145-149, 1953.
- RIOPELLE, A. J., FRANCISCO, E. W., and ADES, H. W.: Differential first-trial procedures and discrimination learning performance. *Journal of Comparative and Physiological Psychology*, 47: 293-297, 1954. (Also acknowledges MH-589).
- repeated x-irradiations. *Journal of Comparative and Physiological Psychology*, 49:521-524, 1956.
- MH-362 (R01) BUNCH, MARION E.: Oxygen deprivation and psychological functions. Washington University, St. Louis, Mo. (1951-54)
- MEIER, G. W., BUNCH, M. E., NOLAN, C. Y., and SCHEIDLER, C. H.: Anoxia, behavioral development, and learning ability: A comparative-experimental approach. *Psychological Monographs*, 74: 1-48, 1960. (Whole No. 488) (Also acknowledges MH-762).
- SPIEGEL, E. A., WYCIS, H. T., KLETZKIN, M., and THUR, C.: Studies in stereoccephalotomy. II. A new procedure for exploration and elimination of subcortical structures. *Electroencephalography and Clinical Neurophysiology*, 5:309-311, 1953.
- MH-366 (R01) HOAGLAND, HUDSON: Effects of electroshock and ACTH in schizophrenia. Worcester Foundation for Experimental Biology, Shrewsbury, Mass. (1951- )
- BERGEN, J. R., HUNT, C., and HOAGLAND, H.: In vitro oxygen consumption of tissues from normal and adrenalectomized rats. *American Journal of Physiology*, 171:624, 1952.
- HOAGLAND, HUDSON: Some biochemical considerations of psychotic behavior. *Journal of Clinical and Experimental Psychopathology*, 12:1110112, 1951.
- HOAGLAND, H.: Metabolic and physiological disturbances in the psychoses. In: Milbank Memorial Fund. *The biology of mental health and disease*. The 27th annual Conference of the Milbank Memorial Fund. New York, Hoeber, 1952, p. 434-448.
- HOAGLAND, HUDSON: Adrenal steroids and personality disorders. In: Colston Research Society's Symposium. *The suprarenal cortex*. London, Butterworths, 1953, p. 125-134.
- HOAGLAND, H.: Studies of brain metabolism and electrical activity in relation to adrenocortical physiology. *Recent Progress in Hormone Research*, 10:29, 1954.
- HOAGLAND, H., BERGEN, J. R., SLOCOMBE, A. S., and HUNT, C. A.: Studies of adrenocortical physiology in relation to the nervous system. In: Merritt, H. H., and Hare, C. C., eds. *Metabolic and toxic diseases of the nervous system*. Vol. 32. Baltimore, Md., Williams & Wilkins, 1953.
- HOAGLAND, HUDSON, PINCUS, GREGORY, ELMADJIAN, FRED, ROMANOFF, LOUIS, FREEMAN, HARRY, HOPE, JUSTIN, BALLAN, JAMES, BERKELEY, AUSTIN, and CARLO, JAMES: Study of adrenocortical physiology in normal and schizo-

- HOPE, JUSTIN M., ELMADJIAN, FRED, and MALAMUD, WILLIAM: A method for the evaluation of hormone therapy in schizophrenia. *Journal of Clinical and Experimental Psychopathology*, 12: 267-282, 1951.
- MH-372 (R01) SPIEGEL, ERNEST A.: Central pain conduction and pain perception. Temple University, Philadelphia, Pa. (1951-55)
- BAIRD, H. W., and SPIEGEL, E. A.: The use of bulbocapnine in electroencephalography of children. *Electroencephalography and Clinical Neurophysiology*, 7:127-129, 1955.
- BAIRD, H. W., STANTON, L., and SPIEGEL, E. A.: Segmental differences of skin potentials and skin resistance induced by visceral pain. *A. M. A. Journal of the Diseases of Children*, 87:607-614, 1954.
- BAIRD, H. W., SZEKELY, E. G., and SPIEGEL, E. A.: The use of bulbocapnine in electroencephalography. (Abstract) In: 3rd International Electroencephalography Congress, 1953, p. 27.
- CHAVEZ, M., and SPIEGEL, E. A.: The functional state of sensory nuclei following deafferentation. *Confinia Neurologica*, 17:143-152, 1957.
- KLETZKIN, M.: A simple electrode carrier for the exploration of subcortical structures. *Proceedings of the Society for Experimental Biology and Medicine*, 80:22-24, 1952.
- KLETZKIN, M., and SPIEGEL, E. A.: Spinal pain conduction by chains of short neurons. (Abstract) *Federation Proceedings*, 11(1)Part I:83-84, 1952.
- REYES, V., HENNY, G. C., BAIRD, H., WYCIS, H. T., and SPIEGEL, E. A.: Localization of centripetal pathways of the human brain by recording of evoked potentials. In: Transactions of the American Neurological Association, 1951, p. 246-248.
- SPIEGEL, E. A., and KLETZKIN, M.: Thalamohypothalamic relationships. Effect of acute thalamic lesions upon the hypothalamus. *American Journal of Physiology*, 171:769, 1952.
- SPIEGEL, E. A., KLETZKIN, M., and SZEKELY, E. G.: Pain reactions on stimulation of the quadrigeminal region. (Abstract) *Federation Proceedings*, 12(2)Part I:136, 1953.
- SPIEGEL, E. A., KLETZKIN, M., and SZEKELY, E. G.: Pain reactions upon stimulation of the tectum mesencephali. *Journal of Neuropathology*, 13: 212-220, 1954.
- SPIEGEL, E. A., KLETZKIN, M., SZEKELY, E. G., and WYCIS, H. T.: Role of hypothalamic mechanisms in thalamic pain. *Neurology*, 4:739-751, 1954.
- SPIEGEL, E. A., and SZEKELY, E. G.: Cortical supersensitivity after lesions of the ventral thalamic nuclei. (Abstract) *Federation Proceedings*, 13(1)Part I:143-144, 1954.
- SPIEGEL, E. A., and SZEKELY, E. G.: Supersensitivity of the sensory cortex following partial deafferentation. *Electroencephalography and Clinical Neurophysiology*, 7:375-481, 1955.
- SPIEGEL, E. A., and SZEKELY, E. G.: Thalamic compensation of the loss of the hypothalamic "waking center". (Abstract) *Federation Proceedings*, 14(1):143, 1955.
- SPIEGEL, E. A., and WYCIS, H. T.: Stereoecephalotomy. Vol. I. New York, Grune & Stratton, 1952, 176 p.
- SPIEGEL, E. A., and WYCIS, H. T.: Mesencephalotomy in treatment of "intractable" facial pain. *Archives of Neurology and Psychiatry*, 69:1-13, 1953.
- SPIEGEL, E. A., and WYCIS, H. T.: Stereoecephalotomy. Vol. II, Section III: Pain. New York, Grune & Stratton, 1962, p. 205-244.
- SPIEGEL, E. A., WYCIS, H. T., and BAIRD, H. W.: Studies in stereoecephalotomy. Topical relationships of subcortical structures to the posterior commissure. *Confinia Neurologica*, 12:122-133, 1952.
- SPIEGEL, E. A., WYCIS, H. T., and BAIRD, H. W.: Interrelationships between cortex and subcortical structures. *Electroencephalography and Clinical Neurophysiology Supplement*, 4:192-196, 1954.
- SPIEGEL, E. A., WYCIS, H. T., ORCHINIK, C. W., and FREED, H.: The thalamus and temporal orientation. *Science*, 121:771-772, 1955.
- SZEKELY, E. G., and SPIEGEL, E. A.: The effect of bulbocapnine upon the spontaneous electric activity of the brain and its reactivity to afferent stimuli. *Electroencephalography and Clinical Neurophysiology*, 6:213-219, 1954.
- MH-373 (R01) BANDLER, BERNARD, KAUFMAN, I. CHARLES, and MALAMUD, WILLIAM: Emotional factors in epilepsy. Boston University, Boston, Mass. (1951-55)
- BANDLER, BERNARD: Role of sexuality in epilepsy. *Psychosomatic Medicine*, 20(3):227-234, 1958.
- BANDLER, BERNARD, KAUFMAN, I. CHARLES, and DYKENS, JAMES W.: Pregnancy fantasies, transference, and seizures in a case of epilepsy. (Abstract) *Journal of Nervous and Mental Diseases*, 118(4):376-378, 1953.
- BANDLER, B., KAUFMAN, I. C., DYKENS, J. W., ARICO, J. T., and GELLER, H.: The role of the psychological factors related to the menstrual cycle and the sexual life of women in the production of seizures. (Abstract) *Journal of Nervous and Mental Disease*, 117:162, 1953.



1-14/2: N21a/991

BANDLER, B., KAUFMAN, I. CHARLES, DYKENS, JAMES W., SCHLEIFER, MAXWELL, and SHAPIRO, LEON N.: Seizures and the menstrual cycle. *American Journal of Psychiatry*, 113:704-708, 1957.

MH-375 (R01) EVANS, FRANCIS C., and DICE, LEE R.: Role of heredity in convulsive disorders. University of Michigan, Ann Arbor, Mich. (1951-56)

BARTO, ELIZABETH: Spinner, an inherited type of abnormal behavior in the beach mouse, *Peromyscus polionotus*. *Contributions from the Laboratory of Vertebrae Biology* (University of Michigan), 66:1-16, 1954.

BARTO, ELIZABETH: Boggler, an inherited abnormality of the deer mouse (*Peromyscus maniculatus*), characterized by a tremor and a staggering gait. *Contributions from the Laboratory of Vertebrae Biology* (University of Michigan), 71:1-26, 1955.

BARTO, ELIZABETH: Tests for independence of waltzer and EP sonogenic convulsive from certain other genes in the deer mouse (*Peromyscus maniculatus*). *Contributions from the Laboratory of Vertebrae Biology* (University of Michigan), 74:1-16, 1956.

DICE, LEE R., and BARTO, ELIZABETH: Ability of mice of the genus *Peromyscus* to hear ultrasonic sounds. *Science*, 116:110-111, 1952.

DICE, LEE R., BARTO, ELIZABETH, and CLARK, PHILIP J.: Modifications of behaviour associated with inherited convulsions or whirling in three strains of peromyscus. *Animal Behaviour*, 11:40-50, 1963. (Also acknowledges MH-1650 and MH-2050).

DICE, LEE R., and CLARK, PHILIP J.: Variation in measures of behavior among three races of peromyscus. *Contributions of the Laboratory of Vertebrae Biology at the University of Michigan*, 75:1-28, 1962. (Also acknowledges MH-1650 and MH-2050).

MCINTOSH, WILLIAM B.: Linkage in peromyscus, and sequential tests for independent assortment. *Contributions from the Laboratory of Vertebrae Biology of the University of Michigan*, 73:1-27, 1956.

MCINTOSH, WILLIAM B.: Whiteside, a new mutation in peromyscus. *Journal of Heredity*, 47:29-32, 1956.

ROSS, MURIEL C.: Auditory pathway of the epileptic waltzing mouse. I. A comparison of the acoustic pathways of the normal mouse with those of the totally deaf epileptic waltzer. *Journal of Comparative Neurology*, 119:317-330, 1962.

functions. University of Massachusetts, Amherst, Mass. (1951-55)

FELDMAN, ROBERT S., and NEET, CLAUDE C.: The effect of electroconvulsive shock on fixated behavior in the rat II. The effect of ECS supplemented by guidance. *Journal of Comparative and Physiological Psychology*, 47:210-212, 1954.

FELDMAN, ROBERT S., and NEET, CLAUDE C.: The effect of electroconvulsive shock on fixated behavior of the rat. III. The effect of ECS as a function of the duration of conflict. *Journal of Comparative and Physiological Psychology*, 50:97-99, 1957.

FELDMAN, ROBERT S., and NEET, CLAUDE C.: The effect of electroconvulsive shock on fixated behavior in the rat. IV. The prevention of fixations with ECS. *Journal of Comparative and Physiological Psychology*, 53:532-534, 1960. (Also acknowledges MH-1061).

NEET, CLAUDE C., and FELDMAN, ROBERT S.: The effect of electroconvulsive shock on fixated behavior of the rat: I. The effect of a ten- and a twenty-five day series of ECS on the stability of the fixed response. *Journal of Comparative and Physiological Psychology*, 47:124-129, 1954.

MH-382 (R01) WEINBERG, JACK M., and HAVIN, HURST, ROBERT J.: Mental hygiene for later maturity. University of Chicago, Chicago, Ill. (1951-53)

LITTLE, M. H., ed.: Good living after fifty. Chicago, University Chicago Press, 1952, 95 p.

LITTLE, M. H.: Making the most of maturity: Human development NC 185. Chicago, Ill., Home Study Department of the University of Chicago, 1952, 27 p.

WEINBERG, JACK: Mental health in later life. Chicago, Ill., Education-Industry Service, 1958, p. 3.

MH-383 (R01) SEITZ, PHILIP F. D.: Effect of infantile stress on adult behavior. Indiana University, Bloomington, Ind. (1951-54)

SEITZ, P. F. D.: The effects of infantile experience upon adult behavior in animal subjects: I. Effect of litter size during infancy upon adult behavior in the rat. *American Journal of Psychiatry*, 111:916-927, 1954.

MH-385 (R01) FORSTER, FRANCIS M.: Role of temporal lobe in psychomotor epilepsy. Georgetown University, Washington, D.C. (1951-54)

FORSTER, F. M.: Epilepsia del lobulo temporal. *Archivos Medicos de Cuba*, May:290-298, 1952.

- FORSTER, F. M., and HUERTAS, J.: Temporal lobe suppressor cortex in man. *Yale Journal of Biology and Medicine*, 28:265-272, 1955.
- HUERTAS, J., and FORSTER, F. M.: Temporal lobe seizures in the monkey. *Neurology*, 5(5):329-332, 1955.
- HUERTAS, J., O'DOHERTY, D., and FORSTER, F. M.: Evidence of suppression from the temporal lobe of the monkey. *A. M. A. Archives of Neurology and Psychiatry*, 70:393-398, 1953.
- IBOST, C. W., and FORSTER, F. M.: EEG foci in temporal lobes, with consideration of seizure manifestations. *Neurology*, 1(4):309-317, 1951.
- O'DOHERTY, DESMOND, and FORSTER, F. M.: The electroencephalographic study of patients with psychomotor epilepsy. *Georgetown University Medical Bulletin*, 6:158-161, 1953.
- SANCHEZ-LONGO, L., FORSTER, F. M., and AUTH, T. L.: A clinical test for sound localization and its application. *Neurology*, 7:655-663, 1957.
- SMITH, B., and FORSTER, F. M.: The role of some experimental anticonvulsants: Mysoline and Milontin and 1461L. *Medical Annals of the District of Columbia*, 22:279-282, 1953.
- SMITH, G., FORSTER, F. N., and SMITH, B.: Intracranial hematomas resulting from convulsive seizures. *Bulletin of the Georgetown University Medical Center*, 6:162-165, 1953.
- MH-388 (R01) HARTMANN, J. FRANCIS, and LAZAROW, ARNOLD: Electron microscopy of central nervous system. University of Minnesota, Minneapolis, Minn. (1951-64)
- FARQUHAR, MARILYN GIST: Preparation of ultrathin tissue sections for electron microscopy: Laboratory investigation. *Journal of Investigative Dermatology*, 5(4):317-337, 1956.
- FARQUHAR, M. G., and HARTMANN, J. F.: Neuroglial structure and relationships as revealed by electron microscopy. *Journal of Neuropathology and Experimental Neurology*, 16:18-39, 1956.
- FUJITA, H., and HARTMANN, J. F.: Electron microscopy of neurohypophysis in normal, adrenaline-treated and pilocarpine-treated rabbits. *Zeitschrift für Zellforschung und Mikroskopische Anatomie*, 54:734-763, 1961.
- HARTMANN, J. F.: Electron microscopy of myelin sheath in sections of spinal cord. *Experimental Cell Research*, 2:126-132, 1951.
- HARTMANN, J. F.: An electron optical study of sections of central nervous system. *Journal of Comparative Neurology*, 99:201-249, 1953.
- HARTMANN, J. F.: Electron microscopy of motor nerve cells following section of axones. *Anatomical Record*, 118:19-33, 1954.
- HARTMANN, J. F.: Electron microscopy of mitochondria in the central nervous system. *Journal of Biophysical and Biochemical Cytology*, 2:375-379, 1956.
- HARTMANN, J. F.: Two views concerning criteria for identification of neurological cell types of electron microscopy. In: Windle, W. F., ed. *Biology of neuroglia*. Springfield, Ill., Charles C. Thomas, 1958, p. 50-56.
- HARTMANN, J. F.: Electron microscopy of the neurohypophysis in normal and histamine-treated rats. *Zeitschrift für Zellforschung und Mikroskopische Anatomie*, 48:291-308, 1958.
- HARTMANN, J. F.: Discussion. In: Korey, S. R., ed. *The biology of myelin*. New York, Paul B. Hoeber, 1959, p. 81-95.
- HARTMANN, J. F.: Electron microscopy observations on the posterior lobe of the hypophysis. *Verh. D. Anat. Gesellsch.*, 55 Ver.:188-193, 1959.
- HARTMANN, J. F.: Identification of neuroglia in electron micrographs of normal nerve tissue. In: Proceedings of the 4th International Congress for Neuropathology, Munich, Sept., 1961. Band II. Stuttgart, Georg Thieme Verlag, 1962, p. 329-332.
- HARTMANN, J. F.: Technics of electron microscopy. In: Zelickson, A. S. *Electron microscopy of skin and mucous membrane*. Springfield, Illinois, Charles C. Thomas, 1963, p. 3-15.
- HARTMANN, J. F., GOETZ, F. C., and LAZAROW, A.: Electron microscopy of the human kidney in diabetes. In: Proceedings of the 12th International Diabetes Congress, Dusseldorf, July 1958. Stuttgart, Georg Thieme Verlag, 1959.
- HUDSON, G., and HARTMANN, J. F.: The relationship between dense bodies and mitochondria in motor neurons. *Zeitschrift für Zellforschung*, 54:147-157, 1961.
- HUDSON, G., LAZAROW, A., and HARTMANN, J. F.: A quantitative electron microscopic study of mitochondria in motor neurones following axonal section. *Experimental Cell Research*, 24:440-456, 1961.
- RUNGE, W. J., VERNIER, R. L., and HARTMANN, J. F.: A staining method for sections of osmium-fixed, methacrylate embedded tissues. *Journal of Biophysical and Biochemical Cytology*, 4:327-328, 1958.
- ZELICKSON, ALVIN S.: Normal human keratinization processes as demonstrated by electron microscopy. *Journal of Investigative Dermatology*, 37(5):369-379, 1961.
- ZELICKSON, A. S.: Virus-like particles demonstrated in keratoacanthomas by electron microscopy. *Acta Dermato Venereologica*, 42:23-26, 1962.

14/2: N2/a/991

- ZELICKSON, A. S.: An electron microscope study of the basal cell epithelioma. *Journal of Investigative Dermatology*, 39:183-187, 1962.
- ZELICKSON, A. S.: The fine structures of the human melanotic and amelanotic malignant melanoma. *Journal of Investigative Dermatology*, 39(6):605-613, 1962.
- ZELICKSON, A. S., and HARTMANN, J. F.: Vestopal W: A superior embedding medium for an electron microscopic study of human epidermis. *Journal of Investigative Dermatology*, 35:315-317, 1960.
- ZELICKSON, A. S., and HARTMANN, J. F.: The fine structure of the melanocyte and melanin granule. *Journal of Investigative Dermatology*, 36:23-27, 1961.
- ZELICKSON, A. S., and HARTMANN, J. F.: An electron microscope study of normal human non-keratinizing oral mucosa. *Journal of Investigative Dermatology*, 38:99-107, 1962.
- ZELICKSON, ALVIN S., and LYNCH, FRANCIS W.: Electron microscopy of virus-like particles in a keratoacanthoma. *Journal of Investigative Dermatology*, 37(2):79-84, 1961.
- MH-389 (R01) WALL, PATRICK D.: Effect of sensory impulses on the cortical system. University of Chicago, Chicago, Ill. (1951-53)
- HOWLAND, B., LETTVIN, J. Y., McCULLOCH, W. S., PITTS, W., and WALL, P. D.: Reflex inhibition by dorsal root interaction. *Journal of Neurophysiology*, 18:1-17, 1955.
- KORNACKER, KARL: Some properties of the afferent pathway in the frog corneal reflex. *Experimental Neurology*, 7:224-239, 1963.
- WALL, PATRICK D., REMOND, ANTOINE G., and DOBSON, RICHARD L.: Studies on the mechanism of the action of visual afferents on motor cortex excitability. *Electroencephalography and Clinical Neurophysiology*, 5:385-393, 1953.
- MH-393 (R01) BUTLER, THOMAS C.: Metabolism of anticonvulsive drugs. University of North Carolina, Chapel Hill, N.C. (1951-53)
- BUTLER, T. C.: Quantitative studies of the metabolic fate of mephobarbital (N-methyl phenobarbital). *Journal of Pharmacology and Experimental Therapeutics*, 106:235-245, 1952.
- BUTLER, T. C.: Metabolic demethylation of 3-methyl-5-ethyl-5-phenyl hydantoin (mesantoin). *Journal of Pharmacology and Experimental Therapeutics*, 104:299-308, 1952.
- BUTLER, T. C.: Quantitative studies of the physiological disposition of 3-methyl-5-ethyl-5-phenyl hydantoin (mesantoin) and 5-ethyl-5-phenyl hydantoin (nirvanol). *Journal of Pharmacology and Experimental Therapeutics*, 109:340-345, 1953.
- BUTLER, T. C.: Quantitative studies of the demethylation of N-methyl barbitol (metharbital, gemonil). *Journal of Pharmacology and Experimental Therapeutics*, 108:474-480, 1953.
- BUTLER, T. C.: Further studies of metabolic removal of alkyl groups from nitrogen in barbituric acid derivatives. *Proceedings of the Society for Experimental Biology and Medicine*, 84:105-108, 1953.
- BUTLER, T. C.: Some generalizations concerning the effects of N-methylation in 5, 5-disubstituted derivatives of barbituric acid, hydantoin, and 2,4-oxazolinedione. (Abstract) *Journal of Pharmacology and Experimental Therapeutics*, 111:9, 1954.
- BUTLER, T. C., MAHAFFEE, D., and MAHAFFEE, C.: The role of the liver in the metabolic disposition of mephobarbital. *Journal of Pharmacology and Experimental Therapeutics*, 106:364-369, 1952.
- BUTLER, T. C., MAHAFFEE, D., and MAHAFFEE, C.: Metabolic demethylation of 3,5,5-trimethyl-2,4-oxazolinedione (trimethadione, tridione). *Proceedings of the Society for Experimental Biology and Medicine*, 81:450-452, 1962.
- BUTLER, T. C., and WADDELL, W. J.: A pharmacological comparison of the optical isomers of 5-ethyl-5-phenyl hydantoin (nirvanol) and of 3-methyl-5-ethyl-5-phenyl hydantoin (mesantoin). *Journal of Pharmacology and Experimental Therapeutics*, 110:120-125, 1954.
- BUTLER, T. C., and WADDELL, W. J.: The role of the liver in the demethylation of N-methyl derivatives of hydantoin and of 2,4-oxazolinedione. *Journal of Pharmacology and Experimental Therapeutics*, 110:241-243, 1954.
- MH-402 (R01) WARREN, NEIL D., and LITTLE, KENNETH B.: Diagnostic validity of projective tests. University of Southern California, Los Angeles, Calif. (1951-55)
- LITTLE, KENNETH B., and SHNEIDMAN, EDWIN S.: The validity of thematic projective technique interpretations. *Journal of Personality*, 23:286-294, 1955.
- LITTLE, KENNETH B., and SHNEIDMAN, EDWIN S.: The validity of MMPI interpretations. *Journal of Consulting Psychology*, 18:425-428, 1954. Also in: Welch, G. S., and Dahlston, W. Grant, eds.

- LITTLE, KENNETH B., and SHINEIDMAN, EDWIN S.: Congruencies among interpretations of psychological test and anamnestic data. *Psychological Monographs*, 73:1-42, 1959.
- MH-403 (R01) BRONFENBRENNER, URIE: Diagnostic validity of projective tests. Cornell University, Ithaca, N.Y. (1951-55)
- BRONFENBRENNER, URIE: Forward to "Principles of professional ethics," by Staff, Cornell Studies in Social Growth. *American Psychologist*, 7(8): 452-455, 1952.
- BRONFENBRENNER, U.: What makes for effective citizenship? *Farm Research*, 18(2), 1952.
- BRONFENBRENNER, U., and DEVEREUX, E. C., JR.: Interdisciplinary planning for team research on constructive community behavior. *Human Relations*, 5(2):187-203, 1952.
- VIDICH, ARTHUR J.: Participant observation and the collection and interpretation of data. *American Journal of Sociology*, 60(4): 354-360, 1955.
- VIDICH, A., and BENSMAN, J.: The validity of field data. *Human Organization*, 13:20-27, 1954.
- VIDICH, A. J., and BENSMAN, J.: Small town in mass society. Princeton, New Jersey, Princeton University Press, 1958.
- VIDICH, A. J., and SHAPIRO, GILBERT A.: A comparison of participant observation and survey data. *American Sociological Review*, 20:28-33, 1955.
- MH-409 (R01) KOCH, HELEN L.: Effect of age interval on personalities of siblings. University of Chicago, Chicago, Ill. (1951-54)
- KOCH, HELEN L.: The relation of "Primary Mental Abilities" in five- and six-year-olds to sex of child and characteristics of his sibling. *Child Development*, 25:209-224, 1954.
- KOCH, HELEN L.: Family constellation and sibling attitudes. *Human Development Bulletin* (University of Chicago), 1954, p. 7-14.
- KOCH, HELEN L.: The relation of certain family constellation characteristics and the attitudes of children toward adults. *Child Development*, 26: 13-39, 1955.
- KOCH, HELEN L.: Some personality correlates of sex, sibling position, and sex of sibling among five- and six-year-old children. *Genetic Psychology Monographs*, 52:3-50, 1955.
- KOCH, HELEN L.: Children's work attitudes and sibling characteristics. *Child Development*, 27:289-309, 1956.
- KOCH, HELEN L.: Sissiness and tomboyishness in relation to sibling characteristics. *Journal of Genetic Psychology*, 88:231-244, 1956.
- KOCH, HELEN L.: Sibling influences on children's speech. *Journal of Speech and Hearing Disorders*, 21:322-328, 1956.
- KOCH, HELEN L.: Attitudes of young children toward their peers as related to certain characteristics of their sibling. *Psychological Monographs*, 70(19):1-41, 1956. (Whole No. 426).
- KOCH, HELEN L.: The relation in young children between characteristics of their playmates and certain attributes of their siblings. *Child Development*, 28:175-202, 1957.
- KOCH, HELEN L.: Der Einfluss der Geschwister auf die Persönlichkeitsentwicklung junger Knaben. *Jahrbuch für Psychologie und Psychotherapie*, 3/4:211-225, 1957.
- KOCH, HELEN L.: The relation of certain formal attributes of siblings to attitudes held toward each other and toward their parents. *Monographs of the Society for Research in Child Development*, 25(4):1-123, 1960. (Serial No. 78).
- KOCH, HELEN L.: Einige Ursachen von Eifersucht, Bewunderung, Ablehnung, und von Überlegenheitsgefühlen wie sie bei jüngeren Geschwistern auftreten. *Psychologische Beiträge*, 4:38-53, 1960.
- MH-419 (R01) SCOTT, JOHN P.: Effects of early experience on mental health. Roscoe B. Jackson Memorial Laboratory. Bar Harbor, Me. (1951-52)
- SCOTT, JOHN P., ed.: Minutes of the conference on the effects of early experience on mental health. Bar Harbor, Maine, Roscoe B. Jackson Memorial Laboratory, 1952, 45 p.
- MH-422 (R01) MOWRER, O. HOBART: Evaluation of two types of psychotherapy. University of Illinois, Urbana, Ill. (1951-52)
- MOWRER, O. HOBART: Changes in verbal behavior during psychotherapy. In: Mowrer, O. Hobart, ed. *Psychotherapy—theory and research*. New York, Ronald Press, 1953, p. 463-545.
- MH-425 (R01) CADMAN, WILLIAM H., McCANN, WILLIS H., and MISBACH, LORENZ: Group psychotherapy for mental hospital patients. University of Missouri, Kansas City, Mo. (1951-53)
- CADMAN, WILLIAM H., MISBACH, LORENZ, and BROWN, DONALD V.: An assessment of round-table psychotherapy. *Psychological Monographs*, 68(13):1-48, 1954. (Whole No. 384).
- McCANN, WILLIS H.: The round-table technique in

4/2: N21a/991

- MH-437 (R01) COWEN, EMORY L.: Factors related to psychological rigidity. University of Rochester, Rochester, N.Y. (1951-53)
- AXELROD, HOWARD S., COWEN, EMORY L., and HEILIZER, FRED: The correlates of manifest anxiety in stylus maze learning. *Journal of Experimental Psychology*, 51:131-138, 1956.
- COWEN, EMORY L.: The "negative self-concept" as a personality measure. *Journal of Consulting Psychology*, 18:138-142, 1954.
- COWEN, EMORY L.: An investigation of the relationship between two measures of self-regarding attitudes. *Journal of Clinical Psychology*, 12:156-160, 1956.
- COWEN, E. L.: Reflections deriving from a research exposure in the field of disability. *NCPAD Bulletin*, 5:104-106, 1958. (Also acknowledges MH-1805).
- COWEN, EMORY L., and BEIER, ERNST G.: Threat-expectancy, word frequencies, and perceptual pre-recognition hypotheses. *Journal of Abnormal and Social Psychology*, 49:178-182, 1954.
- COWEN, EMORY L., HEILIZER, FRED, and AXELROD, HOWARD S.: Self-concept conflict indicators and learning. *Journal of Abnormal and Social Psychology*, 51:242-245, 1955.
- COWEN, E. L., UNDERBERG, RITA P., and VERRILLO, R. T.: The development and testing of an attitude to blindness scale. *Journal of Social Psychology*, 56:305-310, 1958. (Also acknowledges MH-1805).
- COWEN, E. L., UNDERBERG, RITA P., VERRILLO, R. T., and BENHAM, F. G.: Adjustment to visual disability in adolescence. New York, American Foundation for the Blind, 1961, 239 p. (Also acknowledges MH-1805).
- COWEN, EMORY L., WIENER, MORTON, and HESS, JUDITH: Generalization of problem-solving rigidity. *Journal of Consulting Psychology*, 17:100-103, 1953.
- HEILIZER, FRED, AXELROD, HOWARD S., and COWEN, EMORY L.: The correlates of manifest anxiety in paired associate learning. *Journal of Personality*, 24:463-474, 1956.
- UNDERBERG, RITA P., COWEN, E. L., and VERRILLO, R. T.: Some determinants of adjustment to visual disability in adolescence. *New Outlook for the Blind*, 55:253-259, 1961. (Also acknowledges MH-1805).
- MH-439 (R01) WINCH, ROBERT F.: Study of the theory of complementary needs. Northwestern University, Evanston, Ill. (1951-57)
- KTSANES, THOMAS: Mate selection on the basis of personality type: A study utilizing an empirical typology of personality. *American Sociological Review*, 20:547-551, 1955.
- KTSANES, THOMAS, and KTSANES, VIRGINIA: The theory of complementary needs in mate-selection. In: Winch, Robert F., McGinnis, Robert, and Barringer, Herbert R., eds. *Selected studies of marriage and the family*. New York, Holt, Rinehart & Winston, 1962, p. 517-532.
- WINCH, ROBERT F.: The theory of complementary needs in mate-selection: A test of one kind of complementarity. *American Sociological Review*, 20:52-56, 1955.
- WINCH, ROBERT F.: The theory of complementary needs in mate-selection: Final results on the test of the general hypothesis. *American Sociological Review*, 20:552-555, 1955.
- WINCH, ROBERT F.: Mate-selection: A study of complementary needs. New York, Harper Brothers, 1958, 336 p.
- WINCH, ROBERT F., and FREEMAN, LINTON C.: Societal complexity: An empirical test of a typology of societies. *American Journal of Sociology*, 62:461-466, 1957.
- WINCH, ROBERT F., KTSANES, THOMAS, and KTSANES, VIRGINIA: The theory of complementary needs in mate-selection: An analytic and descriptive study. *American Sociological Review*, 19:241-249, 1954.
- WINCH, ROBERT F., KTSANES, THOMAS, and KTSANES, VIRGINIA: Empirical elaboration of the theory of complementary needs in mate-selection. *Journal of Abnormal and Social Psychology*, 51: 508-513, 1955.
- WINCH, ROBERT F., and MORE, DOUGLAS M.: Quantitative analysis of qualitative data in the assessment of motivation: Reliability, congruence, and validity. *American Journal of Sociology*, 61:445-452, 1956.
- WINCH, ROBERT F., and MORE, DOUGLAS M.: Does TAT add information to interview? Statistical analysis of the increment. *Journal of Clinical Psychology*, 12:316-321, 1956.
- MH-449 (R01) DARROW, CHESTER W.: Electroencephalographic phase relationships. Institute for Juvenile Research, Chicago, Ill. (1951-54)
- DARROW, CHESTER W.: The relation of cerebral to autonomic activity in the conditioned emotional reactions of children. *Annals of the New York Academy of Sciences*, 56:289-301, 1953.
- DARROW, CHESTER W., and ARNOTT, G. PETER: A device for simultaneous comparison of variable EEG brain patterns. In: *Proceedings of Instrument Society of America*, 8th National Conference, Chicago, 1953, 2 p.

- DARROW, C. W., and ARNOTT, G. P.: A new cerebral dominance indicator: Further observations on anterior-posterior cerebral dominance. (Abstract) *Proceedings of the Society for Electroencephalography and Clinical Neurophysiology*, 5:127, 1953.
- DARROW, CHESTER W., and LORENS, STANLEY A.: Eye movement, EEG, GSR, and EKG during mental multiplication. *Electroencephalography and Clinical Neurophysiology*, 14:739-746, 1962.
- DARROW, C. W., STRUPP, M., KRIS, C., ARNOTT, G., BRUDO, CHAS., and GINSBURG, N.: Cyclic respiratory and cardiac changes in EEG. (Abstract No. 3): In: International Congress of EEG and Clinical Neurophysiology, EEG Supplement No. 111, Cambridge, August 1953.
- DARROW, CHESTER W., WILCOTT, ROBERT C., SIEGEL, ANN, and WILSON, JERE: Central and peripheral indications of conditioning, adaption, anticipation and extinction. *Journal of Nervous and Mental Disease*, 124:38-44, 1956.
- DARROW, CHESTER W., WILSON, JERE P., VIETH, RICHARD N., and MALLER, JUDITH M.: Acceleration and momentum in cerebral function reflected in EEG phase relations. In: Wortis, Joseph, ed. *Biological psychiatry*. New York, Grune & Stratton, 1960, p. 51-59.
- KRIS, CHRISTINE: Assessing physiological age. *Human Development Bulletin*. 5th Annual Symposium. Chicago, University of Chicago, 1954, p. 35-49.
- KRIS, C., and DARROW, C. W.: Changes in autonomic and EEG interrelationships with age. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 6:158, 1954.
- MH-450 (R01) LIPPITT, RONALD: Improving the social adjustment of children. University of Michigan, Ann Arbor, Mich. (1951-54)
- HOFFMAN, L. W., ROSEN, S., and LIPPITT, R.: Parental coerciveness, child autonomy, and child's role at school. *Sociometry*, 23(1):15-22, 1960. (Also acknowledges MH-1780).
- LEVINGER, G.: The development of perceptions and behavior in newly formed social power relationships. In: Cartwright, Dorwin, ed. *Studies in social power*. Ann Arbor, University of Michigan, 1959, p. 83-98.
- LEVINGER, G. K.: A framework for studying perceptual and behavioral aspects of social influence processes. Ann Arbor, Mich., Research Center for Group Dynamics, University of Michigan, 6 p.
- LIPPITT, ROSEMARY: The auxiliary chair technique. *Group Psychotherapy*, 11(1):8-23, 1958.
- LIPPITT, R., POLANSKY, N., and ROSEN, S.: The dynamics of power. *Human Relations*, 5(1):37-64, 1952. (Also acknowledges MH-94).
- POLANSKY, N. A.: On the dynamics of behavioral contagion. *Group*, 14(3):3-8, 1952.
- POLANSKY, N., LIPPITT, R., and REDL, F.: The uses of sociometric data in research on group treatment processes. Ann Arbor, Michigan, Research Center for Group Dynamics, Institute for Social Research, 1949, 21 p.
- ROSEN, S.: An approach to the study of aggression. *Journal of Social Psychology*, 46:259-267, 1957.
- ROSEN, SIDNEY: Effects of adjustment on the perception and exertion of social power. In: Cartwright, Dorwin, ed. *Studies in social power*. Ann Arbor, University of Michigan, 1959, p. 69-82.
- ROSEN, S., LEVINGER, G., and LIPPITT, R.: Desired changes in self and others as a function of resource ownership. *Human Relations*, 13:187-193, 1960. (Also acknowledges MH-919).
- ROSEN, S., LEVINGER, G., and LIPPITT, R.: Perceived sources of social power. *Journal of Abnormal and Social Psychology*, 62(2):439-441, 1961. (Also acknowledges MH-919).
- ZAJONC, R. B.: Some effects of the "space" serials. *Public Opinion Quarterly*, 18(4):367-374, 1954.
- MH-451 (R01) SAMUELS, LEO T., and BRANCH, C. H. HARDIN: Adrenocortical function in schizophrenia. University of Utah, Salt Lake City, Utah. (1952-54)
- BLISS, EUGENE L.: Response of the pituitary-adrenal system to psychic stimuli. Report of the 22nd Ross Laboratories Pediatric Research Conference, 1957, p. 59.
- BLISS, E. L., and MIGEON, C. J.: Endocrinology of anorexia nervosa. *Journal of Clinical Endocrinology and Metabolism*, 17:766-776, 1957.
- BLISS, EUGENE L., MIGEON, CLAUDE J., BRANCH, C. H. HARDIN, and SAMUELS, L. T.: Adrenocortical function in schizophrenia. *American Journal of Psychiatry*, 112:358-365, 1955.
- BLISS, E. L., MIGEON, C. J., BRANCH, C., HARDIN, C., and SAMUELS, L.: Reaction of the adrenal cortex to emotional stress. *Psychosomatic Medicine*, 18:56-76, 1956.
- BLISS, E., MIGEON, C., BIK-NES, K., SANDBERG, A., and SAMUELS, L.: The effects of insulin, histamine, bacterial pyrogen, and the antabuse-alcohol reaction upon the levels of 17-hydroxycorticosteroids in the peripheral blood of man. *Metabolism*, 3:493-501, 1954.
- BLISS, E., MIGEON, C., NELSON, D., SAMUELS, L., and BRANCH, C.: Influence of B. C. T. and insulin coma on level of adrenocortical steroids in peripheral circulation. *A. M. A. Archives of Neurology and Psychiatry*, 72:352-361, 1954.
- BLISS, E., NELSON, D., and SAMUELS, L.: Effects of intravenous ACTH on blood levels of 17-

14/2: N2/a/991

- hydroxy-corticosteroids and circulating leukocytes. *Journal of Clinical Endocrinology and Metabolism*, 14:423-439, 1954.
- BLISS, E., SANDBERG, A., NELSON, D., and EIKNES, K.: The normal levels of 17-hydroxycorticosteroids in the peripheral blood of man. *Journal of Clinical Investigations*, 32:818-823, 1953.
- MIGEON, CLAUDE J., SANDBERG, A. A., BLISS, EUGENE L., and KELLER, A. B.: Nonconjugated adrenocortical steroids in human plasma, comparison of the Nelson and Samuels method with paper chromatographic techniques. *Journal of Clinical Endocrinology*, 16:253-261, 1956.
- MIGEON, CLAUDE J., TYLER, F. H., MAHONEY, J. P., FLORENTIN, A. A., CASTLE, H., BLISS, EUGENE L., and SAMUELS, L. T.: The diurnal variation of plasma levels and urinary excretion of 17-hydroxycorticosteroids in normal subjects, night workers and blind subjects. *Journal of Clinical Endocrinology*, 16:622-633, 1956.
- MH-453 (R01) ZBOROWSKI, MARK: Cultural components in attitudes toward pain. Institute for Intercultural Studies, New York, N.Y. (1951-54)
- ZBOROWSKI, MARK: Cultural components in responses to pain. *Journal of Social Issues*, 8:16-30, 1952.
- MH-460 (R01) KORNHAUSER, ARTHUR: Mental health of factory workers. Wayne State University, Detroit, Mich. (1951-58)
- KORNHAUSER, ARTHUR: Toward an assessment of the mental health of factory workers: A Detroit study. *Human Organization*, 21(1):43-46, 1962.
- KORNHAUSER, ARTHUR: Mental health of the industrial worker: A Detroit study. New York, Wiley, 1964.
- MH-461 (R01) SEARS, ROBERT R.: Child rearing and personality development. Harvard Medical School, Boston, Mass. (1951-53)
- HAVIGHURST, R., and DAVIS, A.: A comparison of the Chicago and Harvard studies of social class differences in child rearing. *American Sociological Review*, 20:438-442, 1955.
- LEVIN, H., and SEARS, R. R.: Identification with parents as a determinant of doll play aggression. *Child Development*, 27:135-153, 1956. (Also acknowledges MH-1096).
- MACCOBY, ELEANOR E.: The taking of adult roles in middle childhood. *Journal of Abnormal and Social Psychology*, 63:493-503, 1961. (Also acknowledges MH-1468).
- Readings in child development*. New York, Harcourt, Brace, 1954.
- MILTON, G. A.: A factor analytic study of child rearing behaviors. *Child Development*, 29:381-392, 1958.
- SEARS, R. R.: Relation of early socialization experience to aggression in middle childhood. *Journal of Abnormal and Social Psychology*, 63:466-492, 1961.
- SEARS, R. R., MACCOBY, ELEANOR, E., and LEVIN, H.: Patterns of child rearing. Evanston, Ill., Row, Peterson, 1957, 549 p. (Also acknowledges MH-844 and MH-1096).
- MH-462 (R01) GOUGH, HARRISON G.: Personality and social adjustment. University of California, Berkeley, Calif. (1951-54)
- CHEEK, FRANCES E.: Family interaction patterns and convalescent adjustment of the schizophrenic. *Archives of General Psychiatry*, 13(2):139-147, 1965.
- GOUGH, H. G.: Identifying psychological femininity. *Educational and Psychological Measurement*, 12:427-439, 1952.
- GOUGH, H. G.: Predicting social participation. *Journal of Social Psychology*, 35:227-233, 1952.
- GOUGH, H. G.: The construction of a personality scale to predict scholastic achievement. *Journal of Applied Psychology*, 37:361-366, 1953.
- GOUGH, H. G.: A nonintellectual intelligence test. *Journal of Consulting Psychology*, 17:242-246, 1953.
- GOUGH, H. G.: What determines the academic achievement of high school students? *Journal of Educational Research*, 46:321-331, 1953.
- GOUGH, H. G.: Systematic validation of a test for delinquency. (Abstract) *American Psychologist*, 9:380, 1954.
- GOUGH, H. G.: Some common misconceptions about neuroticism. *Journal of Consulting Psychology*, 18:287-292, 1954.
- GOUGH, H. G.: Manual for the California Psychological Inventory. Palo Alto, California, Consulting Psychologists Press, 1957, 9 p.
- GOUGH, H. G.: Cross-cultural studies of the socialization continuum. *American Psychologist*, 15:410-411, 1960.
- GOUGH, H. G.: Theory and measurement of socialization. *Journal of Consulting Psychology*, 24:23-30, 1960.
- GOUGH, H. G. and PETERSON, D. R.: The identification

- MH-463 (R01) ABERLE, DAVID F.: Factors related to the use of peyote drugs. Johns Hopkins University, Baltimore, Md. (1951-52) (Continued as MH-513).
- ABERLE, D. F.: The prophet dance and reactions to white contact. *Southwestern Journal of Anthropology*, 15:74-83, 1959. (Also acknowledges MH-513 and MH-2135).
- MH-467 (R01) PHILLIPS, LESLIE: Adrenal cortical response and social adjustment. Worcester Foundation for Experimental Biology, Shrewsbury, Mass. (1951-55)
- PEFFER, M., and PHILLIPS, L.: Social attainment and performance under stress. *Journal of Personality*, 22(2):284-297, 1953.
- PINE, H. J., FULKERSON, S. C., and PHILLIPS, L.: Maladjustment and social attainment. *Journal of Abnormal and Social Psychology*, 50(1):33-35, 1955.
- GERARD, D. L., and PHILLIPS, L.: Relation of social attainment to psychological and adrenocortical reactions to stress. *Archives of Neurology and Psychiatry*, 69:350-354, 1953.
- LOFCHER, S. H.: The performance of adults under distraction stress: A developmental approach. *Journal of Psychology*, 39:109-116, 1955.
- PARSONS, O., and PHILLIPS, L.: Some problems associated with development of stress scores for the individual. *Journal of Applied Physiology*, 6(11):691-695, 1954.
- PARSONS, O. A., PHILLIPS, L., and LANE, J. E.: Performance on the same psychomotor task under different stressful conditions. *Journal of Psychology*, 38:457-466, 1954.
- PHILLIPS, L.: Case history data and prognosis in schizophrenia. *Journal of Nervous and Mental Disease*, 6:515-525, 1953.
- PHILLIPS, L., and COWITZ, B.: Social attainment and reactions to stress. *Journal of Personality*, 22(2):270-283, 1953.
- PHILLIPS, L., and FRAMO, J. L.: Developmental theory applied to normal and psychopathological perception. *Journal of Personality*, 22(4):464-474, 1954.
- MH-469 (R01) RICHARDS, THOMAS W.: Variations in personality adjustments of children. Northwestern University, Evanston, Ill. (1952-53)
- RICHARDS, THOMAS W.: Psychogenetic study of "normal" personality: An experiment in longitudinal method. In: Burton, Arthur, and Harris, Robert E., eds. *Clinical studies of personality*. New York, Harper & Brothers, 1955, p. 694-725.
- RICHARDS, THOMAS W.: Personality development as reflected in Rorschach behavior: A case study. *Journal of Projective Techniques*, 19:54-61, 1955.
- MH-476 (R01) BETTELHEIM, BRUNO: Staff problems in children's institutions. University of Chicago, Chicago, Ill. (1952-57)
- BETTELHEIM, B., PERKINS, G. L., WRIGHT, B., and RILEY, MARY JEAN: Psychiatric consultation in residential treatment. *American Journal of Orthopsychiatry*, 28(2):256-288, 1958.
- HENRY, JULES: Types of institutional structure. *Psychiatry*, 20:47-60, 1957.
- MH-479 (R01) KALLMANN, FRANZ J.: Heredity of health and mental disorder in aging. Columbia University, New York, N.Y. (1952-56)
- KALLMANN, F. J.: The genetics of aging. *Journal of Chronic Diseases*, 4:140-152, 1956.
- KALLMANN, F. J.: Genetic aspects of mental disorders in later life. In: Kaplan, O. J., ed. *Mental disorders in later life*. Stanford, Stanford University Press, 1956, p. 26-46.
- KALLMANN, F. J.: The genetics of aging. In: Moore, J. E., Merritt, H. H., and Masselink, R. J., eds. *The neurologic and psychiatric aspects of the disorders of aging*. Baltimore, Md., Williams & Wilkins, 1956.
- KALLMANN, F. J.: Genetic variations in adjustment to aging. In: Anderson, J. E., ed. *Psychological aspects of aging*. Washington, D.C., American Psychological Association, 1956, p. 89-93.
- KALLMANN, F. J., ASCHNER, B. M., and FALEK, A.: Comparative data on longevity, adjustment to aging, and causes of death in a senescent twin population. In: Gedda, L., ed. *Novant' anni della Legge Mendeliana*. Rome, Gregor Mendel Institute, 1955.
- MH-484 (R01) DUBIN, ROBERT: Mental health factors in work situations. University of Illinois, Urbana, Ill. (1952-54)
- DUBIN, ROBERT: Industrial worker's worlds: A study of the "central life interests" of industrial workers. *Social Problems*, 3(1):131-142, 1956.
- DUBIN, ROBERT: The world of work: Industrial society and human relations. Englewood Cliffs, N.J., Prentice-Hall, 1958, p. 255-260.
- MH-486 (R01) MIRSKY, I. ARTHUR: Effect of life situations on gastric activity. University of Pittsburgh, Pittsburgh, Pa. (1952-56) (Continued from MH-67).
- MIRSKY, I. A.: Physiologic, psychologic and social determinants in the etiology of duodenal ulcer. *American Journal of Digestive Diseases*, 3(4):285-314, 1958.
- MIRSKY, I. ARTHUR, FISHER, BERNARD, and HARDISON, S. P.: Comparison of blood pepsinogen in patients with duodenal and gastric ulcer and pa-



- tients with gastric carcinoma. (Abstract) *Journal of Laboratory and Clinical Medicine*, 46:933, 1955. (Also acknowledges MH-67).
- MIRSKY, I. ARTHUR, FUTTERMAN, PERRY, and KAPLAN, STANLEY: Blood plasma pepsinogen: II. The activity of the plasma from "normal" subjects, patients with duodenal ulcer, and patients with pernicious anemia. *Journal of Laboratory and Clinical Medicine*, 40(2):188-199, 1952.
- MIRSKY, I. A., FUTTERMAN, P., KAPLAN, S., and BROH-KAHN, R. II.: Blood plasma pepsinogen: I. The source, properties and assay of the proteolytic activity of plasma at acid reactions. *Journal of Laboratory and Clinical Medicine*, 40(1):17-26, 1952. (Also acknowledges MH-67).
- STEIN, M., JINKS, R., and MIRSKY, I. A.: The bioassay of pitressin and antidiuretic substances in blood and urine. *Endocrinology*, 51:492-503, 1952. (Also acknowledges MH-67).
- STEIN, MARVIN, JINKS, ROBERT, and MIRSKY, I. ARTHUR: The assay of antidiuretic substances. (Abstract) *Journal of Clinical Endocrinology and Metabolism*, 12(7):961, 1952. (Also acknowledges MH-67).
- STEIN, M., SCHWARTZ, R., and MIRSKY, I. A.: The antidiuretic activity of plasma of patients with hepatic cirrhosis, congestive heart failure, hypertension and other clinical disorders. *Journal of Clinical Investigation*, 33:77-81, 1954. (Also acknowledges MH-67).
- WEINER, HERBERT, THALER, MARGARET, REISER, MORTON F., and MIRSKY, I. ARTHUR: Etiology of duodenal ulcer: I. Relation of specific psychological characteristics to rate of gastric secretion (serum pepsinogen). *Psychosomatic Medicine*, 19(1):1-10, 1957. (Also acknowledges MH-67).
- MH-487 (R01) MIRSKY, I. ARTHUR, MILLER, ROBERT E., MURPHY, JOHN V., PATTON, ROBERT A.: Variables affecting avoidance behavior. University of Pittsburgh, Pittsburgh, Pa. (1952- )
- MILLER, R. E., and BANKS, J. H., JR.: Determination of social dominance in monkeys by a competitive avoidance method. *Journal of Comparative and Physiological Psychology*, 55:137-141, 1962.
- MILLER, ROBERT E., BANKS, JAMES H., JR., and KUWAHARA, HIROSHI: The communication of affects in monkeys: Cooperative reward conditioning. *Journal of Genetic Psychology*, 108(1):121-134, 1966.
- MILLER, R. E., BANKS, J. H., JR., and OGAWA, N.: Communication of affect in "cooperative conditioning" of rhesus monkeys. *Journal of Abnormal and Social Psychology*, 64:343-348, 1962.
- MILLER, R. E., BANKS, J. H., JR., and OGAWA, N.: The role of facial expression in "cooperative avoidance" conditioning in monkeys. *Journal of Abnormal and Social Psychology*, 67:24-30, 1963.
- MILLER, R. E., and FINOCCHIO, D. V.: The performance of rats in the acquired-drive apparatus in the absence of fear. (Abstract) *American Psychology*, 9:431, 1954.
- MILLER, R. E., and MURPHY, J. V.: Discrimination learning with vertical vs. horizontal stimulus relationships. *Journal of Comparative and Physiological Psychology*, 49:80-83, 1956.
- MILLER, R. E., and MURPHY, J. V.: Social interactions of rhesus monkeys. II. Effects of social interaction on the learning of discrimination tasks. *Journal of Comparative and Physiological Psychology*, 49:207-211, 1956.
- MILLER, R. E., and MURPHY, J. V.: Social interactions of rhesus monkeys. I. Food-getting dominance as a dependent variable. *Journal of Social Psychology*, 44:249-255, 1956.
- MILLER, R. E., and MURPHY, J. V.: Supplementary report: The diminishing interval conditioning technique. *Journal of Experimental Psychology*, 56:456, 1958.
- MILLER, R. E., and MURPHY, J. V.: Influence of the spatial relationships between the cue, reward, and response in discrimination learning. *Journal of Experimental Psychology*, 67:120-213, 1964.
- MILLER, R. E., MURPHY, J. V., and FINOCCHIO, D. V.: A consideration of the object-quality discrimination task as a dependent variable. *Journal of Comparative and Physiological Psychology*, 48:29-31, 1955.
- MILLER, R. E., MURPHY, J. V., and MIRSKY, I. A.: The modification of social dominance in a group of monkeys by interanimal conditioning. *Journal of Comparative and Physiological Psychology*, 48:392-396, 1955.
- MILLER, R. E., MURPHY, J. V., and MIRSKY, I. A.: The persistent effect of chlorpromazine on the extinction of an avoidance response. *Archives of Neurology and Psychiatry*, 78:526-530, 1957.
- MILLER, R. E., MURPHY, J. V., and MIRSKY, I. A.: The effect of chlorpromazine on fear-motivated behavior in rats. *Journal of Pharmacology and Experimental Therapeutics*, 120:379-387, 1957.
- MILLER, R. E., MURPHY, J. V., and MIRSKY, I. A.: The relevance of facial expression and posture as cues in the communication of affect in monkeys. *A. M. A. Archives of General Psychiatry*, 1:480-488, 1959.
- MILLER, R. E., MURPHY, J. V., and MIRSKY, I. A.: Non-verbal communication of affect. *Journal of Clinical Psychology*, 15:155-158, 1959.
- MILLER, R. E., and OGAWA, N.: The effect of adrenocorticotrophic hormone (ACTH) on avoidance

- conditioning in the adrenalectomized rat. *Journal of Comparative and Physiological Psychology*, 55: 211-213, 1962.
- MIRSKY, I. A., MILLER, R. E., BANKS, J. H., JR., and OGAWA, N.: The communication of affects. In: *Proceedings of the Third World Congress of Psychiatry*. Vol. 1. Montreal, University of Montreal/McGill University Press, 1961, p. 88-91.
- MIRSKY, I. A., MILLER, R. E., and MURPHY, J. V.: The communication of affect in rhesus monkeys. I. An experimental method. *Journal of the American Psychoanalytic Association*, 6:433-441, 1958.
- MIRSKY, I. A., MILLER, R., and STEIN, M.: Relation of adrenocortical activity and adaptive behavior. *Psychosomatic Medicine*, 15:574-584, 1953.
- MURPHY, J. V., and MILLER, R. E.: The effect of spatial contiguity of cue and reward in the object-quality learning of rhesus monkeys. *American Psychologist*, 9:436, 1954.
- MURPHY, J. V., and MILLER, R. E.: The effect of adrenocorticotrophic hormone (ACTH) on avoidance conditioning in the rat. *Journal of Comparative and Physiological Psychology*, 48:47-49, 1955.
- MURPHY, J. V., and MILLER, R. E.: The effect of spatial contiguity of cue and reward in the object-quality learning of rhesus monkeys. *Journal of Comparative and Physiological Psychology*, 48: 221-224, 1955.
- MURPHY, J. V., and MILLER, R. E.: The manipulation of dominance in monkeys with conditioned fear. *Journal of Abnormal and Social Psychology*, 53:244-248, 1956.
- MURPHY, J. V., and MILLER, R. E.: Spaced and massed practice with a methodological consideration of avoidance conditioning. *Journal of Experimental Psychology*, 52:77-81, 1956.
- MURPHY, J. V., and MILLER, R. E.: The effect on object-quality learning of doubling the number of test periods per day. *Journal of General Psychology*, 55:31-33, 1956.
- MURPHY, J. V., and MILLER, R. E.: Higher-order conditioning in the monkey. *Journal of General Psychology*, 56:67-72, 1957.
- MURPHY, J. V., and MILLER, R. E.: A flexible general test apparatus for the monkey. *Journal of General Psychology*, 57:265-271, 1957.
- MURPHY, J. V., and MILLER, R. E.: The effect of spatial relationship between cue, reward, and response in simple discrimination learning. *Journal of Experimental Psychology*, 56:26-31, 1958.
- MURPHY, J. V., and MILLER, R. E.: The effect of intertrial responding on conditioning and extinction of avoidance behavior. *Journal of Experimental Psychology*, 56:256-261, 1958.
- MURPHY, J. V., and MILLER, R. E.: Spatial contiguity of cue, reward, and response in discrimination learning by children. *Journal of Experimental Psychology*, 58:485-489, 1959.
- MURPHY, J. V., MILLER, R. E., and BROWN, E.: Secondary reinforcement and avoidance conditioning. *Journal of General Psychology*, 59:201-209, 1958.
- MURPHY, J. V., MILLER, R. E., and FINOCCHIO, D. V.: Spontaneous recovery of an avoidance response over an extended time interval in the monkey. *Journal of Genetic Psychology*, 89:119-125, 1956.
- MURPHY, J. V., MILLER, R. E., and MIRSKY, I. A.: Interanimal conditioning in the monkey. *Journal of Comparative and Physiological Psychology*, 48: 211-214, 1955.
- MH-489 (R01) SEITZ, PHILIP F. D.: Infantile experience and adult reaction to stress. Indiana University, Bloomington, Ind. (1952-55)
- SEITZ, P. F. D.: Infantile experience and adult behavior in animal subjects. II. Age of separation from the mother and adult behavior in the cat. *Psychosomatic Medicine*, 21:351-378, 1959. (Also acknowledges MH-1187).
- MH-493 (R01) SCHWARTZ, MORRIS S.: Social setting and recovery in a mental hospital. Washington School of Psychiatry, Washington, D.C. (1952-54)
- SCHWARTZ, MORRIS S.: Social research in the mental hospital. In: Rose, Arnold M., ed. *Mental health and mental disorder: A sociological approach*. New York, Norton, 1955, p. 190-202. (Also acknowledges MH-51).
- SCHWARTZ, M. S.: Contributions of social science to the administrative process in the mental hospital. *American Journal of Psychiatry*, 114:493-497, 1957.
- SCHWARTZ, MORRIS S.: What is a therapeutic milieu? In: Greenblatt, Milton, Levinson, Daniel J., and Williams, Richard H. *The patient and the mental hospital*. Glencoe, Ill., Free Press, 1957, p. 130-144.
- SCHWARTZ, M. S.: Patient demands in a mental hospital context. *Psychiatry*, 20:249-261, 1957.
- SCHWARTZ, MORRIS S.: Discussion of socio-psychological factors in psychiatric drug evaluation. In: Cole, J. O., and Gerard, R. W., eds. *Pharmacology, problems in evaluation*. Washington, D.C., National Academy of Science, National Research Council, 1959, p. 402-411.
- SCHWARTZ, M. S.: Functions of the team in the state mental hospital. *American Journal of Orthopsychiatry*, 30:100-102, 1960.

14/2 N21a/991

- SCHWARTZ, M. S., and SCHWARTZ, C. G.: Problems in participant observation. *American Journal of Sociology*, 60:343-353, 1955. (Also acknowledges MH-51).
- SCHWARTZ, M. S., and SCHWARTZ, C. G.: Considerations in determining a model for the mental hospital. *American Journal of Psychiatry*, 116:435-437, 1959.
- SCHWARTZ, MORRIS S., and SHOCKLEY, E. L.: The nurse and the mental patient. New York, Russell Sage Foundation, 1956, 289 p.
- SCHWARTZ, M. S., and WILL, G. T.: Low morale and mutual withdrawal on a mental hospital ward. *Psychiatry*, 16:337-353, 1953.
- MH-499 (R01) STEWART, DONALD D., and CODDINGTON, JAMES W.: Outcome of hospitalization in a state mental hospital. University of Arkansas, Fayetteville, Ark. (1952-53)
- ADLER, L. M.: The relationship of marital status to incidence of recovery from mental illness. *Social Forces*, 32:185-194, 1953.
- ADLER, L. M.: Patients of a state mental hospital: The outcome of their hospitalization. In: Rose, A. M., ed. *Mental health and mental disorder*. New York, Norton & Co., 1955, p. 501-523.
- ADLER, L. M., CODDINGTON, J. W., and STEWART, D. D.: Mental illness in Washington County, Arkansas: Incidence, recovery, and posthospital adjustment. University of Arkansas Institute of Science and Technology, Fayetteville, 1952, 74 p. (Research Series No. 23).
- BACKMAN, C. W., and STEWART, D. D.: Mortality and mental illness in two Arkansas counties. Fayetteville, Ark., University of Arkansas, Institute of Science and Technology, 1952, 58 p. (Processed)
- STEWART, D. D.: A note on mental illness in rural Arkansas. *Social Problems*, 1:57-60, 1953.
- STEWART, D. D.: Posthospital social adjustment of former mental patients from two Arkansas counties. *Southwestern Social Science Quarterly*, 317-323, 1955.
- MH-503 (R01) THURSTONE, L. L., and THURSTONE, THELMA GWINN: Studies of primary mental abilities. University of North Carolina, Chapel Hill, N.C. (1952-55)
- THURSTONE, L. L.: The differential growth of mental abilities. Laboratory Report Number 14. Chapel Hill, N.C., The Psychometric Laboratory, University of North Carolina, 1955, 8 p.
- THURSTONE, THELMA G., THURSTONE, L. L., and STRANDSKOV, HERLUF H.: A psychological study of twins. 2. Scores of 125 pairs of twins on 59 tests. Laboratory Report Number 12. Chapel Hill, N.C., The Psychometric Laboratory, University of North Carolina, 1955, 29 p.
- THURSTONE, THELMA G., THURSTONE, L. L., and STRANDSKOV, HERLUF H.: A psychological study of twins. 2. Scores of 125 pairs of twins on 59 tests. Laboratory Report Number 12. Chapel Hill, N.C., The Psychometric Laboratory, University of North Carolina, 1955, 29 p.
- MH-504 (R01) YOUNG, WILLIAM C., and PUGH, NIX, CHARLES H.: Endocrinological determinants of behavior. University of Kansas, Lawrence, Kans. (1952-63)
- ANTLIFF, H. R., and YOUNG, W. C.: Behavioral and tissue responses of male guinea pigs to estradiol and the problem of hormone specificity. *Endocrinology*, 59(1):74-82, 1956.
- ANTLIFF, H. R., and YOUNG, W. C.: Internal secretory capacity of the abdominal testis in the guinea pig. *Endocrinology*, 61:121-127, 1957.
- DIAMOND, M., and YOUNG, W. C.: Differential responsiveness of pregnant and non-pregnant guinea pigs to the masculinizing action of testosterone propionate. *Endocrinology*, 72:429-438, 1963.
- FORD, D. H., and YOUNG, W. C.: Duration of the first cyclic vaginal openings in maturing guinea pigs and related ovarian conditions. *Anatomical Record*, 115:495-503, 1953.
- GERALL, A. A.: An attempt to induce precocious sexual behavior in male guinea pigs by injection of testosterone propionate. *Endocrinology*, 61:280-284, 1958.
- GERALL, A. A.: Effect of interruption of copulation on male guinea pig sexual behavior. *Psychological Reports*, 4:215-221, 1958.
- GERALL, A. A.: An exploratory study of the effects of social isolation variables on the sexual behavior of male guinea pigs. *Animal Behavior*, 11(2):274-282, 1963.
- GERALL, A. A.: The effect of prenatal and postnatal injections of testosterone propionate on prepubertal male guinea pig sexual behavior. *Journal of Comparative and Physiological Psychology*, 61(1):92-95, 1963.
- GERALL, A. A., and BERG, W. S.: Effect of neonatal situation and modification in sexual drive on rate of oxygen consumption in guinea pigs. *Psychological Reports*, 15:311-317, 1964.
- GOY, R. W., BRIDSON, W. E., and YOUNG, W. C.: Period of maximal susceptibility of the prepubertal guinea pig to masculinizing actions of testosterone propionate. *Journal of Comparative and Physiological Psychology*, 57:166-174, 1964.

- on the frequency and time of abortion and still-birth. *Anatomical Record*, 128:747-757, 1957.
- GOY, R. W., and JAKWAY, J. S.: The inheritance of patterns of sexual behavior in female guinea pigs. *Animal Behavior*, 7:142-149, 1959.
- GOY, R. W., and JAKWAY, J. S.: Role of inheritance in determination of sexual behavior patterns. In: Bliss, E. L., ed. *Roots of behavior. Genetics, instinct, and socialization in animal behavior*. New York, Hoeber-Harper, 1962, p. 96-112.
- GOY, R. W., and PHOENIX, C. H.: Hypothalamic regulation of female sexual behavior; establishment of behavioral oestrus in spayed guinea pigs following hypothalamic lesions. *Journal of Reproduction and Fertility*, 5:23-40, 1963.
- GOY, R. W., and YOUNG, W. C.: Strain differences in the behavioral responses of female guinea pigs to alpha-estradiol benzoate and progesterone. *Behaviour*, 10:340-354, 1957.
- GOY, R. W., and YOUNG, W. C.: Somatic basis of sexual behavior patterns in guinea pigs: Factors involved in the determination of the character of the soma in the female. *Psychosomatic Medicine*, 19:144-151, 1957.
- GRADY, KENNETH L., PHOENIX, CHARLES H., and YOUNG, WILLIAM C.: Role of the developing rat testis in differentiation of the neural tissues mediating mating behavior. *Journal of Comparative and Physiological Psychology*, 59(2):176-182, 1965.
- GRUNT, J. A.: Exogenous androgen and non-directed hyperexcitability in castrated male guinea pigs. *Proceedings of the Society for Experimental Biology and Medicine*, 85:540-542, 1954.
- GRUNT, J. A., and YOUNG, W. C.: Consistency of sexual behavior patterns in individual male guinea pigs following castration and androgen therapy. *Journal of Comparative and Physiological Psychology*, 46:138-144, 1953.
- HOAR, R. M., GOY, R. W., and YOUNG, W. C.: Loci of action of thyroid hormone on reproduction in the female guinea pig. *Endocrinology*, 60:337-346, 1957.
- HOAR, R. M., and YOUNG, W. C.: Respiratory metabolism during pregnancy in the guinea pig. *American Journal of Physiology*, 190:425-428, 1957.
- JAKWAY, J. S.: The inheritance of patterns of mating behaviour in the male guinea pig. *Animal Behaviour*, 7:150-162, 1959.
- JAKWAY, J. S., and YOUNG, W. C.: An inherited spermatogenic hypoplasia in the guinea pig. *Fertility and Sterility*, 9:533-544, 1958.
- JARMON, H., and GERRALL, A.: The effect of food deprivation upon the sexual performance of male guinea pigs. *Journal of Comparative and Physiological Psychology*, 54:306-309, 1961.
- LADMAN, A. J., and YOUNG, W. C.: An electron microscopic study of the ductuli efferentes and rete testis of the guinea pig. *Journal of Biophysical and Biochemical Cytology*, 4(2):219-226, 1958.
- PETERSON, R. R.: Comparison of the effects of administration of propyl- and iodothiouracil to pregnant guinea pigs. *University of Kansas Science Bulletin*, 37:269-275, 1955.
- PETERSON, R. R., and YOUNG, W. C.: Prolonged cold, sex drive and metabolic responses in the male guinea pig. *American Journal of Physiology*, 180:535-538, 1955.
- PHOENIX, C. H.: Hypothalamic regulation of sexual behavior in male guinea pigs. *Journal of Comparative and Physiological Psychology*, 54:72-77, 1961.
- PHOENIX, C. H., GOY, R. W., GERRALL, A. A., and YOUNG, W. C.: Organizing action of prenatally administered testosterone propionate on the tissues mediating mating behavior in the female guinea pig. *Endocrinology*, 65:369-382, 1959.
- RISS, W.: Sex drive, oxygen consumption and heart rate in genetically different strains of male guinea pigs. *American Journal of Physiology*, 180(3):530-534, 1955.
- RISS, W., and GOY, R. W.: Modification of sex drive and O<sub>2</sub> consumption by isolating and grouping male guinea pigs. *Journal of Comparative and Physiological Psychology*, 50:150-154, 1957.
- RISS, W., VALENSTEIN, E. S., SINKS, J., and YOUNG, W. C.: Development of sexual behavior in male guinea pigs from genetically different stocks under controlled conditions of androgen treatment and caging. *Endocrinology*, 57:139-146, 1955.
- RISS, W., and YOUNG, W. C.: The failure of large quantities of testosterone propionate to activate low drive male guinea pigs. *Endocrinology*, 54(2):232-235, 1954.
- VALENSTEIN, E. S., and GOY, R. W.: Further studies of the organization and display of sexual behavior in male guinea pigs. *Journal of Comparative and Physiological Psychology*, 50(2):115-119, 1957.
- VALENSTEIN, E. S., RISS, W., and YOUNG, W. C.: Sex drive in genetically heterogeneous and highly inbred strains of male guinea pigs. *Journal of Comparative and Physiological Psychology*, 47:162-165, 1954.
- VALENSTEIN, E. S., RISS, W., and YOUNG, W. C.: Experiential and genetic factors in the organization of sexual behavior in male guinea pigs. *Journal of Comparative and Physiological Psychology*, 48(5):379-403, 1955.

1/2: N21a/991

- VALENSTEIN, E. S., and YOUNG, W. C.: An experimental factor influencing the effectiveness of testosterone propionate in eliciting sexual behavior in male guinea pigs. *Endocrinology*, 56(2): 173-177, 1955.
- YOUNG, W. C.: Genetic and psychological determinants of sexual behavior patterns. In: Hoagland, Hudson, ed. *Hormones, brain function, and behavior*. New York, Academic, 1957, p. 75-98.
- YOUNG, W. C.: A hormonal action participating in the patterning of sexual behavior prenatally in the guinea pig. In: Wortis, Joseph, ed. *Recent advances in biological psychiatry*. New York, Grune & Stratton, 1960, p. 200-209.
- YOUNG, W. C.: The mammalian ovary. In: Young, W. C., ed. *Sex and internal secretions*. 3rd ed. Baltimore, Williams & Wilkins, 1961, p. 449-496.
- YOUNG, W. C.: The hormones and mating behavior. In: Young, W. C., ed. *Sex and internal secretions*. 3rd ed. Baltimore, Williams & Wilkins, 1961, p. 1173-1239.
- YOUNG, W. C.: Patterning of sexual behavior. In: Bliss, E. L., ed. *Roots of behavior. Genetics, instinct, and socialization in animal behavior*. New York, Hoeber-Harper, 1962, p. 115-122.
- YOUNG, W. C.: Patterning of sexual behaviour in the guinea pig. *Canadian Psychiatric Association Journal*, 8:36-40, 1963.
- YOUNG, W. C.: The hormones and behavior. In: Florkin, M., and Mason, H. S., eds. *Comparative biochemistry*. Vol. 7. New York, Academic Press, 1964, p. 203-251.
- YOUNG, W. C., GOY, R. W., and PHOENIX, C. H.: The hormones and sexual behavior. Broad relationships exist between the gonadal hormones and behavior. *Science*, 143(3603):212-218, 1964.
- MH-509 (R01) CRANSWICK, EDWARD H.: Thyrotropic responsivity in schizophrenia. Clark University, Worcester, Mass. (1952-54)
- CRANSWICK, EDWARD H.: Tracer iodine studies on thyroid activity and thyroid responsiveness in schizophrenia. *American Journal of Psychiatry*, 112:170-178, 1955.
- MH-513 (R01) ABERLE, DAVID F.: Factors related to the use of peyote drugs. University of Michigan, Ann Arbor, Michigan. (Continued from MH-463).
- ABERLE, D. F.: The prophet dance and reactions to white contact. *Southwestern Journal of Anthropology*, 15:74-83, 1959. (Also acknowledges MH-463 and MH-2135).
- distributional study. Boulder, Colorado, University of Colorado, 1957, 129 p.
- DITTMAN, ALLEN T., and MOORE, HARVEY C.: Disturbance in dreams as related to peyotism among the Navaho. *American Anthropologist*, 59:642-649, 1957.
- MH-515 (R01) LEIGHTON, ALEXANDER H., and RENNIE, THOMAS A. C.: Yorkville Community Mental Health Project. Cornell University, New York, N.Y. (1952-58)
- HEISS, JEROLD: Premarital characteristics of the religiously intermarried in an urban area. *American Sociological Review*, 25:47-55, 1960.
- LANGNER, THOMAS S.: Environmental stress, degree of psychiatric impairment and type of mental disturbance. *Psychoanalysis and the Psychoanalytic Review*, 47(4):3-16, 1960-1961.
- LANGNER, THOMAS S.: Environmental stress and mental health. In: Hoch, P. H., and Zubin, J., eds. *Comparative epidemiology of the mental disorders*. New York, Grune & Stratton, 1961, p. 32-44.
- LANGNER, THOMAS S.: A twenty-two item screening score of psychiatric symptoms indicating impairment. *Journal of Health and Human Behavior*, 3(4):269-276, 1962.
- LANGNER, THOMAS S.: Broken homes and mental disorder. *Public Health Reports*, 78(11):921-926, 1963.
- LANGNER, THOMAS S., and MICHAEL, STANLEY T.: Life stress and mental health: The Midtown Manhattan Study. Vol. 2. Thomas A. C. Rennie Series in Social Psychiatry. New York, Free Press of Glencoe, 1963, 515 p.
- MICHAEL, STANLEY T.: Social attitudes, socioeconomic status and psychiatric symptoms. *Acta Psychiatrica et Neurologica Scandinavica*, 35:509-517, 1960.
- MICHAEL, STANLEY T.: Neurotic symptoms in an urban population. In: Neuroses. Vol. 1. Janota, O., and Wolf, E., eds. *Congressus Psychiatricus Bohemoslovenicus cum Participatione Internationali*, 1959. Praha, Statni Zdravotniko Nakl., 1961, p. 163-169.
- MICHAEL, STANLEY T., and LANGNER, THOMAS S.: Social mobility and psychiatric symptoms. *Diseases of the Nervous System, Monograph Supplement*, 24(4):128-132, 1963.
- MOORE, M. E., STUNKARD, A., and SROLE, L.: Obesity, social class, and mental illness. *Journal of the American Medical Association*, 181:962-966, 1962.
- OPLER, MARVIN K.: Cultural perspectives in mental health research. *American Journal of Orthopsychiatry*, 32:1-10, 1962.

- OPLER, MARVIN K.: Contrasting patterns of fantasy and motility in Irish and Italian schizophrenics. *Journal of Abnormal and Social Psychology*, 53 (1):43-47, 1956.
- OPLER, MARVIN K.: Epidemiological studies of mental illness. In: Rioch, D. M., ed. *Symposium on preventive and social psychiatry*. Washington, D.C., Walter Reed Army Institute of Research, 1957, p. 111-147.
- OPLER, MARVIN K.: Dilemmas of two Puerto Rican men. In: Seward G., ed. *Clinical studies in culture conflict*. New York, Ronald Press, 1958, p. 223-224.
- OPLER, MARVIN K., and SINGER, JEROME L.: Cultural anthropology and social psychiatry. *American Journal of Psychiatry*, 113(4):302-311, 1956.
- OPLER, MARVIN K., and SINGER, JEROME L.: Ethnic differences in behavior and psychopathology. *International Journal of Social Psychiatry*, 2(1): 11-22, 1956.
- RENNIE, THOMAS A. C.: The Yorkville community mental health study. In: Interrelations between the social environment and psychiatric disorders. Papers presented at 1952 annual conference of the Milbank Memorial Fund. New York, Milbank Memorial Fund, 1953, p. 209-221.
- RENNIE, THOMAS A. C.: Social psychiatry—a definition. *International Journal of Social Psychiatry*, 1(1):5-13, 1955.
- RENNIE, THOMAS A. C., and SROLE, LEO: Social class prevalence and distribution of psychosomatic conditions in an urban population. *Psychosomatic Medicine*, 18(6):449-456, 1956.
- RENNIE, THOMAS A. C., SROLE, LEO, OPLER, MARVIN K., and LANGNER, THOMAS S.: Urban life and mental health. *American Journal of Psychiatry*, 113(9):813-837, 1957.
- SROLE, LEO: Social integration and certain corollaries: An exploratory study. *American Sociological Review*, 21:709-716, 1956.
- SROLE, LEO, LANGNER, THOMAS S., MICHAEL, STANLEY T., OPLER, MARVIN K., and RENNIE, THOMAS A. C.: Mental health in the metropolis: The midtown Manhattan study. Vol. 1. New York, McGraw-Hill, 1962, 428 p.
- MH-516 (R01) BORDIN, EDWARD S., CUTLER, RICHARD L., DITTMANN, ALLEN T., and RAUSH, HAROLD L.: Analyses of psychotherapeutic interaction. University of Michigan, Ann Arbor, Mich. (1952-61)
- BORDIN, EDWARD S.: Ambiguity as a therapeutic variable. *Journal of Consulting Psychology*, 19 (1):9-15, 1955.
- BORDIN, EDWARD S.: The implications of client expectations for the counseling process. *Journal of Counseling Psychology*, 2(1):17-21, 1955.
- BORDIN, E. S.: Free association: An experimental analogue of the psychoanalytic situation. In: Gottschalk, L. A., and Auerbach, A. H., eds. *Methods of research in psychotherapy*. New York, Grune & Stratton, 1964.
- BORDIN, E. S., CUTLER, R. L., DITTMANN, ALLEN T., HARWAY, N. I., RAUSH, H. L., and RIGLER, D.: Measurement problems in process research on psychotherapy. *Journal of Consulting Psychology*, 18(2):79-82, 1954.
- CUTLER, RICHARD L.: Countertransference effects in psychotherapy. *Journal of Consulting Psychology*, 22(5):349-356, 1958.
- CUTLER, RICHARD L., BORDIN, EDWARD S., WILLIAMS, JOAN, and RIGLER, DAVID: Psychoanalysis as expert observers of the therapy process. *Journal of Consulting Psychology*, 22(5):335-340, 1958.
- DIBNER, ANDREW S.: Ambiguity and anxiety. *Journal of Abnormal and Social Psychology*, 56(2): 165-174, 1958.
- HARWAY, NORMAN I., DITTMANN, ALLEN T., RAUSH, HAROLD L., BORDIN, EDWARD S., and RIGLER, DAVID: The measurement of depth of interpretation. *Journal of Consulting Psychology*, 19(4):247-253, 1955.
- LICHTENSTEIN, EDWARD: Cognitive controls and free-association behavior. *Journal of General Psychology*, 73(1):117-123, 1965.
- RAUSH, H. L., and BORDIN, E. S.: Warmth in personality development and in psychotherapy. *Psychiatry*, 20(4):351-363, 1957.
- RAUSH, H. L., SPERBER, Z., RIGLER, D., WILLIAMS, J., HARWAY, N. I., BORDIN, E. S., DITTMANN, A. T., and HAYS, W. L.: A dimensional analysis of depth of interpretation. *Journal of Consulting Psychology*, 20(1):43-48, 1956.
- TOWNSEND, ALAN H.: An empirical measure of ambiguity in the context of psychotherapy. Papers of the Michigan Academy of Science, Arts, and Letters, 41:349-355, 1956.
- MH-522 (R01) SCOTT, JOHN P.: Effect of age and strain on early behavior patterns. Roscoe B. Jackson Memorial Laboratory, Bar Harbor, Me. (1952-54)
- ROSS, S., FISHER, A. E., and KING, D.: Sucking behavior: A review of the literature. *Journal of Genetic Psychology*, 91:63-81, 1957.
- ROSS, SHERMAN, SCOTT, J. P., CHERNER, MARIA, and DENENBERG, VICTOR H.: Effects of restraint and isolation on yelping in puppies. *Animal Behavior*, 8:1-5, 1960. (Also acknowledges MH-123).
- SCOTT, J. P., ROSS, S., FISHER, A. E., and KING, D.: The effects of early enforced weaning on sucking

14/2: N2/a/991

behavior of puppies. *Journal of Genetic Psychology*, 95:261-281, 1959. (Also acknowledges MH-123).

MH-528 (R01) LUFT, JOSEPH: Study of adjustment patterns in families. Stanford University, Stanford, Calif. (1952-53)

LUFT, JOSEPH: Psychological control patterns within families. (Abstract) *Journal of Consulting Psychology*, 21:3, 1957.

MARTIN, B.: Intolerance of ambiguity in interpersonal and perceptual behavior. *Journal of Personality*, 22(4):494-503, 1954.

MH-530 (R01) DAVIS, ROGER T., ODOI, HIROSHI: Behavioral and histopathological effects of radiation. State University of South Dakota, Vermillion, S.D. (1952-58)

CHO, J. B., and DAVIS, R. T.: Preferences of monkeys for objects other than food. *American Journal of Psychology*, 70:87-91, 1957.

DAVIS, R. T.: The performance of monkeys on discrimination problems with reduced stimulus cues. *Proceedings of the South Dakota Academy of Science*, 33:116-122, 1954.

DAVIS, R. T.: Discriminative performance of monkeys irradiated with X-rays. *American Journal of Psychology*, 74:86-89, 1961.

DAVIS, R. T., and McDOWELL, A. A.: Manipulation of a 6-unit mechanical puzzle by monkeys under spaced practice. *Proceedings of the South Dakota Academy of Science*, 32:143-146, 1953.

DAVIS, R. T., and McDOWELL, A. A.: Performance of monkeys on randomly presented string problems. *Proceedings of the South Dakota Academy of Science*, 32:147-152, 1953.

DAVIS, R. T., McDOWELL, A. A., DETER, C. W., and STEELE, C. W.: Performance of rhesus monkeys on selected laboratory tasks presented before and after a large single dose of whole-body X-radiation. *Journal of Comparative and Physiological Psychology*, 49:20-26, 1956.

DAVIS, R. T., McDOWELL, A. A., GRODSKY, M. A., and STEELE, J. P.: The performance of X-ray irradiated and nonirradiated rhesus monkeys before, during, and following chronic barbiturate sedation. *Journal of Genetic Psychology*, 93:37-51, 1958.

DAVIS, R. T., McDOWELL, A. A., and NISSEN, H. W.: Solution of bent wire problems by monkeys and chimpanzees. *Journal of Comparative and Physiological Psychology*, 50:441-444, 1957.

DAVIS, R. T., McDOWELL, A. A., and THORSON,

DAVIS, R. T., and STEELE, J. P.: Performance section through radiation death in rhesus monkeys. *Journal of Psychology*, 56:119-136, 1963. (Also acknowledges MH-2264).

HEIMSTRA, N. W., DAVIS, R. T., and STEELE, J. P.: Effects of various food deprivation schedules on the discrimination learning performance of monkeys irradiated with X-ray irradiation. *Journal of Psychology*, 44:271-281, 1957.

HEIMSTRA, N. W., and ODOI, H.: Position discrimination learning with food and non-food rewards in monkeys. *Proceedings of the South Dakota Academy of Science*, 35:215-219, 1956.

McDOWELL, A. A., and DAVIS, R. T.: A quantitative analysis of the chewing performance of rhesus monkeys. *Proceedings of the South Dakota Academy of Science*, 33:123-127, 1954.

McDOWELL, A. A., DAVIS, R. T., and STEELE, J. P.: Application of systematic direct observational methods to analysis of the radiation syndrome in monkeys. *Perceptual and Motor Skills*, 6:117-119, 1956.

MASSAR, R. S., and DAVIS, R. T.: The formation of a temporal-sequence learning set by monkeys. *Journal of Comparative and Physiological Psychology*, 52:225-227, 1959.

ODOI, H.: Analysis of the factors involved in the performance of monkeys. *Proceedings of the South Dakota Academy of Sciences*, 35:220-222, 1956.

MH-532 (R01) FRANK, JEROME D.: Evaluation of group and individual psychotherapy. Johns Hopkins University, Baltimore, Md. (1952-56)

FRANK, J. D.: The dynamics of the psychotherapeutic relationship: Determinants and effects of the therapist's influence. *Psychiatry*, 22(1):17-39, 1959.

FRANK, JEROME D.: *Persuasion and healing*. Baltimore, Johns Hopkins Press, 1961, 282 p.

FRANK, J. D., GLIEDMAN, L. H., IMBER, S. D., NASH, E. H., and STONE, A. R.: Why patients leave psychotherapy. *A. M. A. Archives of Internal Medicine and Psychiatry*, 77:283-299, 1957.

FRANK, J. D., GLIEDMAN, M. D., IMBER, S. D., STONE, A. R., and NASH, E. H.: Patients' expectations and relearning as factors determining improvement in psychotherapy. *American Journal of Psychiatry*, 115(11):961-968, 1959.

GLIEDMAN, L. H., NASH, E. H., JR., IMBER, S. D., STONE, A. R., and FRANK, J. D.: Reduction of symptoms by pharmacologically inert substances and by short-term psychotherapy. *Archives of Neurology and Psychiatry*, 79:345-351, 1958.

GLIEDMAN, L. H., STONE, A. R., FRANK,

- therapy. *American Journal of Psychotherapy*, 11(3):589-598, 1957.
- IMBER, S. D., FRANK, J. D., GLIEDMAN, L. H., NASH, E. H., and STONE, A. R.: Suggestibility, social class and the acceptance of psychotherapy. *Journal of Clinical Psychology*, 12(4):341-344, 1956.
- IMBER, S. D., FRANK, J. D., NASH, E. H., STONE, A. R., and GLIEDMAN, L. H.: Improvement and amount of therapeutic contact: An alternative to the use of no-treatment controls in psychotherapy. *Journal of Consulting Psychology*, 21(4):309-315, 1957.
- IMBER, S. D., NASH, E. H., and STONE, A. R.: Social class and duration of psychotherapy. *Journal of Clinical Psychology*, 11(3):281-284, 1955.
- KELMAN, HERBERT C., and PARLOFF, MORRIS B.: Interrelations among three criteria of improvement in group therapy: Comfort, effectiveness, and self-awareness. *Journal of Abnormal and Social Psychology*, 54:281-288, 1957.
- NASH, E. H., FRANK, J. D., GLIEDMAN, L. H., IMBER, S. D., and STONE, A. R.: Some factors related to patients' remaining in group psychotherapy. *International Journal of Group Psychotherapy*, 7(3):264-274, 1957.
- PARLOFF, M. B., KELMAN, H. C., and FRANK, J. D.: Comfort, effectiveness, and self-awareness as criteria of improvement in psychotherapy. *American Journal of Psychiatry*, 3(5):343-351, 1954.
- ROSENTHAL, D., FRANK, J. D., and NASH, E. H.: The self-righteous moralist in early meetings of therapeutic groups. *Psychiatry*, 17(3):215-233, 1954.
- MH-534 (R01) RUESCH, JURGEN: Problems of communication in mentally ill patients. University of California, San Francisco, Calif. (1952-59)
- BLOCK, J.: The assessment of communication: Role variations as a function of interactional context. *Journal of Personality*, 21:272-286, 1952.
- BLOCK, J., and BENNETT, L.: The assessment of communication: Perception and transmission as a function of the social situation. *Human Relations*, 8:317-325, 1955.
- KALIS, B. L., and BENNETT, L. F.: The assessment of communication: The relation of clinical improvement to measured changes in communicative behavior. *Journal of Consulting Psychology*, 21:10-14, 1957.
- RUESCH, J.: Transference reformulated. *Acta Psychotherapeutica, Psychosomatica et Orthopaedagogica*, 3:596-605, 1955.
- RUESCH, J.: Psychotherapy and communication. In: Fromm-Reichmann, F., and Moreno, J. L., eds. *Progress in psychotherapy*. New York, Grune & Stratton, 1956, p. 180-187.
- RUESCH, J.: Creation of a multidisciplinary team. *Psychosomatic Medicine*, 18:105-112, 1956.
- RUESCH, J.: The observer and the observed: Human communication theory. System of relationships relevant in a unified theory of behavior. Analysis of various types of boundaries. In: Grinker, Roy R., ed. *Toward a unified theory of human behavior*. New York, Basic Books, 1956, p. 36-54; 303-304; 340-361.
- RUESCH, J.: The trouble with psychiatric research. *Archives of Neurology and Psychiatry*, 77:93-107, 1957.
- RUESCH, J.: Principles of human communication. *Dialectica*, 11:154-165, 1957.
- RUESCH, J.: Disturbed communication. New York, Norton, 1957, 337 p. (Also acknowledges MH-37).
- RUESCH, J.: The tangential response. In: Hoch, P. H., and Zubin, J., eds. *Psychopathology of communication*. New York, Grune & Stratton, 1958, p. 37-48.
- RUESCH, J.: Communication difficulties among psychiatrists. *American Journal of Psychotherapy*, 10:432-447, 1956. Also in: Masserman, J. H., ed. *Science and psychoanalysis*. Vol. 1. Integrative studies. New York, Grune & Stratton, 1958, p. 85-100.
- RUESCH, J.: Nonverbal language and therapy. *Psychiatry*, 18:323-330, 1955. Also in: McGowan, F., and Schmidt, L. D., eds. *Counseling: Readings in theory and practice*. New York, Holt, Rinehart & Winston, 1962, p. 485-493.
- RUESCH, J., BLOCK, J., and BENNETT, L.: The assessment of communication. I. A method for the analysis of social interaction. *Journal of Psychology*, 35:59-80, 1953.
- RUESCH, J., and KEES, W.: Nonverbal communication. Berkeley, University of California Press, 1956, 205 p.
- MH-543 (R01) HESS, ROBERT D., ABEGGLEN, JAMES, HANDEL, GERALD: Parental influences on the child's personality. Chicago, University of Chicago, Ill. (1952-57)
- HANDEL, GERALD: Psychological study of whole families. *Psychological Bulletin*, 63(1):19-41, 1965.
- HESS, ROBERT D.: Changing patterns of family life. In: Civic leadership in the sixties. Vol. 6. Chicago, National Safety Council, 1959.
- HESS, ROBERT D., and HANDEL, GERALD: Patterns of aggression in parents and their children. *Journal of Genetic Psychology*, 89:199-212, 1956.



- HESS, ROBERT D., and HANDEL, GERALD: Family worlds: A psychosocial approach to family life. Chicago, University of Chicago Press, 1959.
- HESS, ROBERT D., and HANDEL, GERALD: The family as an emotional organization. *Marriage and Family Living*, 18(2):99-101, 1956.
- MH-544 (R01) POLANSKY, NORMAN A., KOUNIN, JACOB S.: Emotion and attitude in the interview situation. Wayne State University, Detroit, Mich. (1952-55)
- KOUNIN, J., POLANSKY, N., BIDDLE, B., COBURN, H., and FENN, A.: Experimental studies of clients' reactions to initial interviews. *Human Relations*, 9(3):265-293, 1956.
- POLANSKY, N. A., and KOUNIN, J. S.: Clients' reactions to initial interviews: A field study. *Human Relations*, 9(3):237-264, 1955.
- THOMAS, EDWIN, POLANSKY, NORMAN, and KOUNIN, JACOB: The expected behavior of a potentially helpful person. *Human Relations*, 8(2):165-174, 1955.
- MH-545 (R01) PRIBRAM, KARL H., STAMM, JOHN: Neural mechanisms in behavior. Institute of Living, Hartford, Conn.. (1952-60) (Continued as MH-3732).
- BAGSHAW, MURIEL H., and PRIBRAM, K. H.: Cortical organization in gustation (Macaca Mulatta). *Journal of Neurophysiology*, 16:399-508, 1953.
- CHOW, K. L., and PRIBRAM, K. H.: Cortical projection of the thalamic ventrolateral nuclear group in monkeys. *Journal of Comparative Neurology*, 104:37-75, 1956.
- FULLER, J. L., ROSVOLD, H. E., and PRIBRAM, K. H.: The effect on affective and cognitive behavior in the dog of lesions of the pyriform-amygdala-hippocampal complex. *Journal of Comparative and Physiological Psychology*, 50:89-96, 1957.
- KALIS, L. I., PRIBRAM, K. H., and KRUGER, L.: Action potentials in "motor" cortex evoked by peripheral nerve stimulation. *Journal of Neurophysiology*, 16:161-167, 1953.
- KIMBLE, D. P., and PRIBRAM, K. H.: Hippocampectomy and behavior sequences. *Science*, 139:824-825, 1963. (Also acknowledges MH-3732).
- KRAFT, MARCIA, OBRIST, W. D., and PRIBRAM, K. H.: The effect of irritative lesions of the striate cortex on learning of visual discrimination in monkeys. *Journal of Comparative and Physiological Psychology*, 53:17-22, 1960. (Also acknowledges MH-3732).
- MACLEAN, P. D., and PRIBRAM, K. H.: Neurographic analysis of medial and basal cerebral cortex. *Journal of Neurophysiology*, 16:312-323, 1953.
- MILLER, G. A., GALANTER, E., and PRIBRAM, K. H.: Plans and the structure of behavior. New York, Henry Holt & Co., 1960. (Also acknowledges MH-3732).
- MIRSKY, A. J., ROSVOLD, H. E., and PRIBRAM, K. H.: Effects of cingulectomy on social behavior in monkeys. *Journal of Neurophysiology*, 20:588-601, 1957.
- MISHKIN, M., and PRIBRAM, K. H.: Visual discrimination performance following partial ablations of the temporal lobe: I. Ventral vs. lateral. *Journal of Comparative and Physiological Psychology*, 47:14-20, 1954.
- MISHKIN, M., and PRIBRAM, K. H.: Analysis of the effects of frontal lesions in monkeys: I. Variations of delayed alternation. *Journal of Comparative and Physiological Psychology*, 48:492-495, 1955.
- MISHKIN, M., and PRIBRAM, K. H.: Analysis of the effects of frontal lesions in monkey: II. Variations of delayed response. *Journal of Comparative and Physiological Psychology*, 49:36-40, 1956.
- MISHKIN, M., ROSVOLD, H. E., and PRIBRAM, K. H.: Effects of Nembutal in baboons with frontal lesions. *Journal of Neurophysiology*, 16:155-159, 1953.
- PRIBRAM, K. H.: Toward a science of neuropsychology (method and data). In: Current trends in psychology and the behavioral sciences. Pittsburgh, University of Pittsburgh Press, 1954, p. 115-142.
- PRIBRAM, K. H.: Concerning three rhinencephalic systems. In: Shwab, Robert S., ed. *The rhinencephalon (symposium)*. Electroencephalography and Clinical Neurophysiology, 6:708-809, 1954.
- PRIBRAM, K. H.: Lesions of "frontal eye fields" and delayed response of baboons. *Journal of Neurophysiology*, 18:105-112, 1955.
- PRIBRAM, K. H.: Comparative neurology and the evolution of behavior. In: Behavior and evolution. New Haven, Yale University Press, 1958, p. 140-164.
- PRIBRAM, K. H.: Neocortical function in behavior. In: Biological and biochemical bases of behavior. Madison, University of Wisconsin Press, 1958, p. 151-172.
- PRIBRAM, K. H.: On the neurology of thinking. *Behavioral Science*, 4:265-287, 1959. (Also acknowledges MH-3732).
- PRIBRAM, K. H.: Neuropsychology in America. In: The Voice of America Forum Lectures, Behavioral Science Series 9. Washington, D.C., U.S. Information Agency, 1959. (Also acknowledges MH-3732).
- PRIBRAM, K. H.: A review of theory in physiological psychology. In: Annual review of psychology.

- Vol. 11. Palo Alto, Calif., Annual Reviews, 1960, p. 1-40. (Also acknowledges MH-3732).
- PRIBRAM, K. H.: The intrinsic systems of the fore-brain: An alternative to the concept of cortical association areas. In: Handbook of physiology, neuropsychology. Vol. 2. Washington, D.C., American Physiological Society, 1960, p. 1323-1344. (Also acknowledges MH-3732).
- PRIBRAM, K. H.: A further experimental analysis of the behavioral deficit that follows injury to the primate frontal cortex. *Experimental Neurology*, 3:432-466, 1961. (Also acknowledges MH-3732).
- PRIBRAM, K. H.: Regional physiology of CNS: The search for the engram—decade of decision. In: Spiegel, E., ed. *Progress in neurology and psychiatry*. Vol. 16. New York, Grune & Stratton, 1961, p. 45-57. (Also acknowledges MH-3732).
- PRIBRAM, K. H., and BAGSHAW, MURIEL: Further analysis of the temporal lobe syndrome utilizing fronto-temporal ablations. *Journal of Comparative Neurology*, 99:347-375, 1953.
- PRIBRAM, K. H., CHOW, K. L., and SEMMES, JOSEPHINE: Limit and organization of the cortical projection from the medial thalamic nucleus in monkeys. *Journal of Comparative Neurology*, 95: 433-448, 1953.
- PRIBRAM, K. H., and FULTON, J. P.: An experimental critique of the effects of anterior cingulate ablations in monkeys. *Brain*, 77:34-44, 1954.
- PRIBRAM, K. H., GARDNER, K. W., PRESSMAN, G. L., and BAGSHAW, MURIEL: An automated discrimination apparatus for discrete trial analysis (DADTA). *Psychological Reports*, 11:247-250, 1962. (Also acknowledges MH-3732).
- PRIBRAM, K. H., GARDNER, K. W., PRESSMAN, G. L., and BAGSHAW, MURIEL: Automated analysis of multiple choice behavior. *Journal of Experimental Animal Behavior*, 6:123-124, 1963. (Also acknowledges MH-3732).
- PRIBRAM, K. H., and KRUGER, L.: Functions of the "olfactory" brain. *Annals of the New York Academy of Science*, 58:109-138, 1954.
- PRIBRAM, K. H., KRUGER, L., ROBINSON, F., and BERMAN, A. J.: The effects of precentral lesions on the behavior of monkeys. *Yale Journal of Biology and Medicine*, 28:428-443, 1955-1956.
- PRIBRAM, K. H., and MACLEAN, P. D.: Neurographic analysis of medial and basal cerebral cortex: II. Monkey. *Journal of Neurophysiology*, 16:324-340, 1953.
- PRIBRAM, K. H., and MISHKIN, M.: Simultaneous and successive visual discrimination by monkeys with inferotemporal lesions. *Journal of Comparative and Physiological Psychology*, 48:198-202, 1955.
- PRIBRAM, K. H., and MISHKIN, M.: Analysis of the effects of frontal lesions in monkeys: III. Object alternation. *Journal of Comparative and Physiological Psychology*, 49:41-45, 1956.
- PRIBRAM, K. H., MISHKIN, M., ROSVOLD, H. E., and KAPLAN, S. J.: Effects on delayed-response performance of lesions of dorsolateral and ventromedial frontal cortex of baboons. *Journal of Comparative and Physiological Psychology*, 45: 565-575, 1952.
- PRIBRAM, K. H., ROSNER, B. S., and ROSENBLITH, W. A.: Electrical responses to acoustic clicks in monkey: Extent of neocortex activated. *Journal of Neurophysiology*, 17:336-344, 1954.
- PRIBRAM, K. H., and WEISKRANTZ, L.: A comparison of the effects of medial and lateral cerebral resections on conditioned avoidance behavior of monkeys. *Journal of Comparative and Physiological Psychology*, 50:74-80, 1957.
- PRIBRAM, K. H., WILSON, W. A., and CONNORS, JANE: Effects of lesions of the medial forebrain on alternation behavior of rhesus monkeys. *Experimental Neurology*, 6:36-47, 1962. (Also acknowledges MH-3732).
- ROSVOLD, H. E., MIRSKY, A. F., and PRIBRAM, K. H.: Influence of amygdectomy on social behavior in monkeys. *Journal of Comparative and Physiological Psychology*, 47:173-178, 1954.
- SCHWARTZBAUM, J. S., and PRIBRAM, K. H.: The effects of amygdectomy in monkeys on transposition along a brightness continuum. *Journal of Comparative and Physiological Psychology*, 53: 396-399, 1960. (Also acknowledges MH-3732).
- SHERER, GEORGIA, and PRIBRAM, K. H.: Serial frozen section of whole brain. *Psychological Reports*, 11:209-210, 1962. (Also acknowledges MH-3732).
- STAMM, J. S., and PRIBRAM, K. H.: Effects of epileptogenic lesions in frontal cortex on learning and retention in monkeys. *Journal of Neurophysiology*, 23:552-563, 1960. (Also acknowledges MH-3732).
- STAMM, J. S., and PRIBRAM, K. H.: Effects of epileptogenic lesions in inferotemporal cortex on learning and retention in monkeys. *Journal of Comparative and Physiological Psychology*, 54: 614-618, 1961.
- WEISKRANTZ, L., and WILSON, W. A.: The effects of reserpine on emotional behavior of normal and brain-operated monkeys. *Annals of the New York Academy of Sciences*, 61:36-55, 1955.
- WILSON, MARTHA, STAMM, J. S., and PRIBRAM, K. H.: Deficits in roughness discrimination after posterior parietal lesions in monkeys. *Journal of Comparative and Physiological Psychology*, 53: 535-539, 1960. (Also acknowledges MH-3732).

- MH-550 (R01) GUMP, PAUL V., and REDL, FRITZ: Effect of activity programs on behavior of children. Wayne State University, Detroit, Mich. (1952-55)
- GUMP, P. V., and KOUNIN, J. S.: Issues raised by ecological and classical research efforts. *Merrill-Palmer Quarterly of Behavior and Development*, 6:145-152, 1960. (Also acknowledges MH-1066).
- GUMP, P. V., and MEI, YUEN-HUNG: Active games for physically handicapped children. *Physical Therapy Review*, 34(4):171-174, 1954.
- GUMP, PAUL V., and SCHOGGEN, P. H.: Wally O'Neill at camp: A day-long specimen of behavior. Detroit, Wayne University, 1955, 379 p. (Processed).
- GUMP, PAUL V., SCHOGGEN, P., and REDL, F.: The camp milieu and its immediate effects. *Journal of Social Issues*, 13(1):40-46, 1957.
- GUMP, PAUL V., SCHOGGEN, P., and REDL, F.: The behavior of the same child in different milieus. In: Barker, R., ed. *The stream of behavior*. New York, Appleton-Century-Crofts, 1963, p. 169-202.
- GUMP, PAUL V., and SUTTON-SMITH, B.: Activity-setting and social interaction. *American Journal of Orthopsychiatry*, 25:755-760, 1955.
- GUMP, PAUL V., and SUTTON-SMITH, B.: The role in children's games. *Group*, 17:3-8, 1955.
- SUTTON-SMITH, BRIAN, and GUMP, P. V.: Games and status experience. *Recreation*, 48(4):172-174, 1955.
- MH-560 (R01) ULETT, GEORGE A.: Convulsive-subconvulsive photic stimulatory therapy. Washington University, St. Louis, Mo. (1952-54)
- LAMB, W. A., ULETT, G. A., MASTERS, W. H., and ROBINSON, D. W.: Premenstrual tension: EEG, hormonal, and psychiatric evaluation. *American Journal of Psychiatry*, 109:840-848, 1953.
- LAWLER, A., WINOKUR, G., GLESSER, G., and ULETT, G. A.: The use of a control population in neuropsychiatric research: (Psychiatric, psychological and EEG evaluation of a heterogeneous sample). *American Journal of Psychiatry*, 3:248-262, 1954.
- ULETT, GEORGE A.: Photically-activated electroencephalogram: Research tool in psychiatry. *Psychosomatic Medicine*, 15(1):66-83, 1953.
- ULETT, GEORGE A.: Experience with photic stimulation in psychiatric research. *American Journal of Psychiatry*, 114(2):127-133, 1957.
- ULETT, G. A., GLESSER, G. C., CALDWELL, B. M., and SMITH, K.: The use of matched groups in the evaluation of convulsive and subconvulsive photo-shock. *Bulletin of the Menninger Clinic*, 18:138-146, 1954.
- ULETT, G. A., SMITH, K., and GLESSER, G. C.: Evaluation of convulsive and sub-convulsive shock therapies utilizing a control group. *American Journal of Psychiatry*, 112:795-802, 1956.
- MH-563 (R01) SATTER, GEORGE A., GARRISON, MORTIMER, HEISER, KARL F., and RUGGS, M. GARET M.: Intellectual development in retarded children. Training School at Vineland, Vineland, N.J. (1953-56)
- GARRISON, M.: A comparison of psychological features in mentally retarded boys over a three year period as a function of etiology. *Training School Bulletin*, Vineland, N.J., 55:54-60, 1958.
- SATTER, G., and MCGEE, E.: Retarded adults who have developed beyond expectation. I. Intellectual functions. *Training School Bulletin*, Vineland, N.J., 51:43-55, 1954.
- MH-564 (R01) MILLER, DANIEL R., and SWANSON, GUY E.: Origins of defense mechanisms. University of Michigan, Ann Arbor, Mich. (1952-55)
- MILLER, D. R.: Inner conflict and defense mechanisms. New York, Holt, 1960, 452 p.
- MILLER, D. R., and SWANSON, G. E.: The character of the American parent. New York: Wiley, 1955
- MH-575 (R01) SARBIN, THEODORE R.: Intra-personal factors in juvenile delinquency. University of California, Berkeley, Calif. (1952-54)
- BAKER, BELA, and SARBIN, T. R.: Differentiation of social perception as a correlate of social adjustment. *Sociometry*, 19:69-83, 1956.
- JONES, D. S., LIVSON, N., and SARBIN, T. R.: Conceptual completion behavior in juvenile delinquents. *Perceptual and Motor Skills*, 1:111-112, 1955.
- SARBIN, T. R., and BAKER, BELA: Psychological predisposition and/or subcultural pattern in delinquency. *Sociometry*, 20:161-164, 1957.
- SARBIN, THEODORE R., and JONES, DORIS S.: Intra-personal factors in delinquency: A preliminary report. *Nervous Child*, 11:23-27, 1955
- MH-576 (R01) RICHTER, CURT P.: Behavior, metabolism and mood cycles. Johns Hopkins University, Baltimore, Md. (1952-54)
- BAKER, S. P.: Anuria produced by alpha-methylthiourea. *American Journal of Physiology*, 145:457-461, 1954.
- KARLI, P. C.: Influence de la gestation et de la lactation sur le compartiment du Rat blanc et de la Souris Blanche adults. *Comptes rendus des séances de la Société de Biologie*, 149:224-227, 1955

- KARLI, P. C.: Social reactions of pregnant and lactation rats. In: Gestation--Transactions of the Second Conference, March 8-10, 1955, Princeton, N.J., p. 94-112.
- KARLI, P. C.: The Norway rat's killing response to the white mouse: An experimental analysis. *Behaviour*, 10:81-103, 1956.
- KLINE, A. H., SIDBURY, J. B., and RICHTER, C. P.: The occurrence of ectodermal dysplasia and corneal dysplasia in one family. *Journal of Pediatrics*, 55(3):355, 1959.
- KLINE, A. H., SIDBURY, J. B., RICHTER, C. P., and BILLINGSLEY, J.: Mode of transmission of familial ectodermal dysplasia. (Abstract) *American Pediatric Society*, 1958.
- MOSIER, H. D., JR.: Comparative histological study of the adrenal cortex of the wild and domesticated Norway rat. *Endocrinology*, 60(4):460-469, 1957.
- MOSIER, H. D., and RICHTER, C. P.: Response of the glomerulosa layer of the adrenal gland of wild and domesticated Norway rats to low and high salt diets. *Endocrinology*, 62:268, 1958.
- PARK, E. A., and RICHTER, C. P.: Transverse lines in bones: The mechanism of their development. *Bulletin of the Johns Hopkins Hospital*, 93:234, 1953.
- RICHTER, C. P.: Domestication of the Norway rat and its implication for the study of genetics in man. *American Journal of Human Genetics*, 4: 273, 1952.
- RICHTER, CURT P.: The physiology and cytology of pulmonary edema and pleural effusion produced in rats by alpha-naphthyl thiourea (ANTU). *Journal of Thoracic Surgery*, 23:66-91, 1952.
- RICHTER, C. P.: Experimentally produced behavior reaction to food poisoning in wild and domesticated rats. *Annals of the New York Academy of Sciences*, 56(2):225-239, 1953.
- RICHTER, C. P.: Alcohol, beer and wine as foods. *Quarterly Journal of Studies on Alcohol*, 14:525, 1953.
- RICHTER, C. P.: Free research versus design research. *Science*, 118:91-93, 1953.
- RICHTER, C. P.: Behavioral regulators of carbohydrate homeostasis. *Acta Neurovegetativa*, 9:247-259, 1954.
- RICHTER, C. P.: The effects of domestication and selection on the behavior of the Norway rat. *Journal of the National Cancer Institute*, 15:727, 1954.
- RICHTER, C. P.: Experimental production of cycles of behavior and physiology in animals. *Acta Medica Scandinavica*, 152(Suppl. No. 307):36-37, 1955.
- RICHTER, C. P.: Behavior and metabolic cycles in animals and man. In: Hoch, Paul, and Zubin, J., eds. *Experimental psychopathology*. New York, Grune & Stratton, 1955.
- RICHTER, C. P.: Nutritional factors. In: 17th Ross Pediatric Research Conference on Growth and Development of Dental and Skeletal Tissues, Boston, Mass., March 28-30, 1955, p. 22-30.
- RICHTER, C. P.: Salt appetite of mammals: Its dependence on instinct and metabolism. Contribution to Vol. 'L' instinct dans le comportement des animaux et de l'homme'. Paris, France, 1956.
- RICHTER, C. P.: Loss of appetite for alcohol and alcoholic beverages produced in rats by treatment with thyroid preparations. *Endocrinology*, 59(4): 472-478, 1956.
- RICHTER, CURT: Decreased appetite for alcohol and alcoholic beverages produced in rats by thyroid treatment. In: Hoagland, Hudson, ed. *Hormones, brain function, and behavior*. Proceedings of the Conference on Neuroendocrinology, 1956. New York, Academic Press, 1957, p. 217-220.
- RICHTER, C. P.: Ovulation cycles and stress. In: Villee, Claude A., ed. *Transactions of the 3rd Conference on Gestation*, March 6, 7, 8, 1956. Princeton, New Jersey, p. 53-70.
- RICHTER, C. P.: Production and control of alcoholic cravings in rats. In: Abramson, H. A., ed. *Transactions of the 3rd Conference in Neuropharmacology*. Princeton, N.J. New York, The Josiah Macy, Jr. Foundation, 1956, p. 39-146.
- RICHTER, C. P.: Loss of appetite for alcohol and alcoholic beverages produced in rats by treatment with thyroid preparation. In: Himwich, H. E., ed. *Alcoholism--Basic aspects and treatment--A symposium*. Atlanta, Georgia, 1957, p. 59-65. (Publication No. 47 of AAAS)
- RICHTER, C. P.: Hunger and appetite. *American Journal of Clinical Nutrition*, 5(2):141, 1957.
- RICHTER, C. P.: On the phenomenon of sudden death in animals and man. *Psychosomatic Medicine*, 19:191, 1957.
- RICHTER, C. P.: Hormones and rhythms in man and animals. In: Pincus, Gregory, ed. *Recent progress in hormone research*. Vol. 13. New York, Academic Press, 1957, p. 105-159.
- RICHTER, C. P.: Neurological basis of responses to stress. In: Weistenholme, G. E. W., and O'Connor, Cecilia M., eds. *A Ciba Foundation symposium on the 'neurological basis of behaviour'*. (In commemoration of Sir Charles Sherrington). London, J. & A. Churchill, 1958, p. 204-217.
- RICHTER, C. P.: The phenomenon of unexplained sudden death in animals and man. In: Gantt, Horsley W., ed. *Physiological bases of psychiatry*. Springfield, Ill., C. C. Thomas, 1958, p. 112-125.

- RICHTER, CURT P.: Abnormal but regular cycles of behavior and metabolism in rats and catatonic-schizophrenics. In: Reiss, Max, ed. *Psychoneuroendocrinology*. New York, Grunc & Stratton, 1958, p. 168-181.
- RICHTER, C. P.: On the phenomenon of sudden death in animals and man. In: Reiss, Charles F., Alexander, Irving E., and Tomkins, Silvan S., eds. *Psychopathology—A source book*. Cambridge, Harvard University, 1958, p. 234-242.
- RICHTER, CURT P.: Diurnal cycles of man and animals. (Abstract) *Science*, 128:1147-1148, 1958.
- RICHTER, C. P.: Rats, man and the welfare state. *American Psychologist*, 14(1):18-28, 1959.
- RICHTER, C. P.: Lasting after-effects produced in rats by several commonly used drugs and hormones. *Proceedings of the National Academy of Sciences*, 45(7):1080-1095, 1959.
- RICHTER, CURT P.: Biological clocks in medicine and psychiatry: Shock-phase hypothesis. *Proceedings of the National Academy of Sciences*, 46(11):1506-1530, 1960.
- RICHTER, C. P., JONES, G. S., and BISWANGER, L.: Periodic phenomena and the thyroid. I. Abnormal but regular cycles in behavior and metabolism produced in rats by partial radiothyroidectomy. *A. M. A. Archives of Neurology and Psychiatry*, 81(2):233, 1959.
- RICHTER, C. P., and MOSIER, H. D., JR.: Maximum sodium chloride intake and thirst in domesticated and wild Norway rats. *American Journal of Physiology*, 176:213, 1954.
- RICHTER, C. P., and RICE, K. K.: Comparison of the effects produced by fasting on gross bodily activity of wild and domesticated Norway rats. *American Journal of Physiology*, 179:305, 1954.
- RICHTER, CURT P., and RICE, K. K.: Experimental production in rats of abnormal cycles in behavior and metabolism. *Journal of Nervous and Mental Disease*, 124(4):393-395, 1956.
- RICHTER, C. P., and UHLENHUTH, E. H.: Comparison of the effects of gonadectomy on spontaneous activity of wild and domesticated Norway rats. *Endocrinology*, 54:311, 1954.
- RICHTER, CURT P., and WOOD, DAVID E.: Hypophysectomy and domestication in the Norway rats. (Abstract) *Federation Proceedings*, 12(1)Part I: 116, 1953.
- TAN, B. M., HANSON, M. E., and RICHTER, C. P.: Swimming time of rats with relation to water temperature. *Federation Proceedings*, 13:498, 1954.
- WAGNER, H. N.: Electrical skin resistance studies in two persons with congenital absence of sweat glands. *Archives of Dermatology and Syphilis*, 65:543, 1952.
- WANG, G. H.: Brainstem reticular system and galvanic skin reflex. (Abstract) *Federation Proceedings*, 14:158, 1955.
- WANG, G. H.: Galvanic skin reflex after spinal transection in normal and decerebrate cats. *Federation Proceedings*, 15(1):196, 1956.
- WANG, G. H.: Special review: The galvanic skin reflex. A review of old and recent works from a physiologic point of view. Part I. *American Journal of Physical Medicine*, 36(5):295, 1957.
- WANG, G. H.: Terminal rebound of galvanic skin reflex in anesthetized cats. *Journal of Neurophysiology*, 20:340, 1957.
- WANG, G. H.: Special review: The galvanic skin reflex. A review of old and recent works from a physiological point of view. Part II. *American Journal of Physical Medicine*, 37:35, 1958.
- WANG, G. H.: Strychninization of bulbar ventromedial reticular formation and galvanic skin reflex in thalamic cats. *Journal of Neurophysiology*, 21:327, 1958.
- WANG, G. H.: Effects of asphyxia of galvanic skin reflex before and after spinal transection. *Journal of Neurophysiology*, 22:98, 1959.
- WANG, G. H., and AKERT, K.: Behavior and reflexes of chronic striatal cats. *Archives Italiennes de Biologie*, 100:48, 1962.
- WANG, G. H., and BROWN, V. W.: Changes in galvanic skin reflex after acute spinal transection in normal and decerebrate cats. *Journal of Neurophysiology*, 19:446, 1956.
- WANG, G. H., and BROWN, V. W.: Suprasegmental inhibition of an autonomic reflex. *Journal of Neurophysiology*, 19:564, 1956.
- WANG, G. H., STEIN, P., and BROWN, V. W.: Effects of transection of central neuraxis on galvanic skin reflex in anesthetized cats. *Journal of Neurophysiology*, 19:340, 1956.
- WANG, G. H., STEIN, P., and BROWN, V. W.: Brainstem reticular system and galvanic skin reflex in acute decerebrate cats. *Journal of Neurophysiology*, 19:350, 1956.
- WOOD, D. E.: Hypophysectomy and domestication in the Norway rat. *Bulletin of the Johns Hopkins Hospital*, 97(2):178, 1955.
- WOODS, J. W.: Differences in adrenal response to adverse conditions in wild and domesticated Norway rats. (Abstract) *Federation Proceedings*, 12(1)Part I:159, 1953.
- WOODS, JAMES W.: Effects of a chronically cold environment on endocrine organs of wild and domesticated rats. (Abstract) *Federation Proceedings*, 13(1)Part I:167, 1954.

- WOODS, J. W.: The effects of long-term exposure to cold adrenal weight and ascorbic acid content in wild and domesticated Norway rats. *Journal of Physiology*, 135(2):384, 1957.
- WOODS, J. W.: The effects of acute stress and of ACTH upon ascorbic acid and lipid content of the adrenal glands of wild rats. *Journal of Physiology*, 135(2):390, 1957.
- MH-578 (R01) PRESSEY, SIDNEY L.: Factors leading to adjustment in old age. Ohio State University, Columbus, Ohio. (1952-55)
- DEMMING, J. A., and PRESSEY, S. L.: Tests "indigenous" to the adult and older years. *Journal of Counseling Psychology*, 4:144-148, 1957.
- MAHER, HOWARD, and PRESSEY, S. L.: Age and performance of two work groups. *Journal of Gerontology*, 10(4):448-451, 1955.
- PRESSEY, S. L.: Employment and potentialities in age, and means for their possible increase. In: Report of New York State Joint Legation Committee on Aging. Albany, New York, 1954, p. 92-94.
- PRESSEY, S. L.: The older psychologist: His potentials and problems. *American Psychologist*, 10: 163-165, 1955.
- PRESSEY, S. L.: Certain findings and proposals regarding professional retirement. *Bulletin of the American Association of University Professors*, 41: 503-509, 1955.
- PRESSEY, S. L.: Potentials of age: An exploratory field study. *Genetic Psychology Monographs*, 56: 159-205, 1957.
- PRESSEY, S. L.: Jobs at 80. *Geriatrics*, 13:678-681, 1958.
- PRESSEY, S. L., and JONES, A. W.: 1923-1953 and 20-60 age changes in moral codes, anxieties, and interests, as shown by the "x-0" tests. *Journal of Psychology*, 39:485-502, 1955.
- PRESSEY, S. L., and WHITSON, A. V.: Church programs for older people in a midwest city. *Newsletter of the Gerontological Society*, 3(2):5, 1956.
- SMITH, MARK W.: Older workers' efficiency in jobs of various types. *Personnel Journal*, 32(1):19-23, 1953.
- MH-582 (R01) BODER, DAVID P.: Psychological analyses of persons from DP camps. University of California, Los Angeles, Calif. (1952-57) (Continued from MH-156).
- BODER, DAVID P.: Topical autobiographies of displaced people: Recorded verbatim in displaced persons camps, with a psychological and anthropological analysis. 16 Vols. Privately Printed, Los Angeles, Calif., 1957. (Processed). (Also acknowledges MH-156).
- MH-585 (R01) TARJAN, GEORGE, and SHOTWELL, ANNA M.: Selection and evaluation of psychiatric aides. Pacific State Hospital, Pomona, Calif. (1952-54)
- DINGMAN, H. F., and GUILFORD, J. P.: A new method for obtaining weighted composites of ratings. *Journal of Applied Psychology*, 38:305-307, 1954.
- TARJAN, G., SHOTWELL, ANNA M., and DINGMAN, H. F.: A screening test for psychiatric technicians: A preliminary report on five years experience with the work assignment aid. *American Journal of Mental Deficiency*, 59:388-394, 1955.
- TARJAN, G., SHOTWELL, ANNA M., and DINGMAN, H. F.: A screening test for psychiatric technicians: Continuation report on the work assignment aid, validation studies at various hospitals. *American Journal of Mental Deficiency*, 60:458, 1956.
- MH-586 (R01) ZUBIN, JOSEPH, and SUTTON, SAMUEL: Psychological prognosis in schizophrenia. New York State Psychiatric Institute, New York, N.Y. (1953-58)
- BURDOCK, E. I., SUTTON, S., and ZUBIN, J.: Personality and psychopathology. *Journal of Abnormal and Social Psychology*, 56:18-30, 1958.
- BURDOCK, E. I., SUTTON, S., and ZUBIN, J.: Persönlichkeit und psychopathologie. *Schweizerische Zeitschrift für Psychologie*, 17:258-284, 1958.
- BURDOCK, E. I., and ZUBIN, J.: A rationale for the classification of experimental techniques in abnormal psychology. *Journal of General Psychology*, 55:35-49, 1956.
- CHASE, R. A.: Effect of delayed auditory feedback on the repetition of speech sounds. *Journal of Speech and Hearing Disorders*, 23:583-590, 1958.
- CHASE, R. A., HARVEY S., STANDFAST, SUSAN, RAPIN, ISABELLE, and SUTTON, S.: Comparison of the effects of delayed auditory feedback on speech and key tapping. *Science*, 129:903-904, 1959.
- CHASE, R. A., SUTTON, S., FIRST, DAPHNE, and ZUBIN, J.: A developmental study of changes in behavior under delayed auditory feedback. *Journal of Genetic Psychology*, 99:101-112, 1961. (Also acknowledges MH-1541).
- CHASE, R. A., SUTTON, S., and RAPIN, ISABELLE: Sensory feedback influences on motion performance. *Journal of Auditory Research*, 3:212-223, 1961.
- CRANDELL, A., ZUBIN, J., METTLER, F., and LOGAN, N. D.: Prognostic value of "mobility" during the first two years of hospitalization for mental disorder. *Psychiatric Quarterly*, 28:185-210, 1954.

- GRANICK, RUTH, and NAHEMOW, LUCILLE: Pre-admission isolation as a factor in adjustment to an old age home. In: Hoch, P. H., and Zubin, J., eds. *Psychopathology of aging*. New York, Grune & Stratton, 1961, p. 285-302. (Also acknowledges MH-1541 and MH-2775).
- HAKEREM, G., BEARE, A., and SUTTON, S.: The relationship of eye movements to reversals of an ambiguous figure. (Abstract) *American Psychologist*, 11(8):431, 1956.
- HAKEREM, G., SUTTON, S., and ZUBIN, J.: Pupillary reactions in schizophrenics and normals. *American Psychologist*, 13:357, 1958. (Also acknowledges MH-1541).
- SALZINGER, K.: Techniques for computing shift in a scale of absolute judgment. *Psychological Bulletin*, 53:394-401, 1956.
- SALZINGER, K.: Shift in judgment of weights as a function of anchoring stimuli and instructions in early schizophrenics and normals. *Journal of Abnormal and Social Psychology*, 55:43-49, 1957.
- SALZINGER, K.: Experimental manipulation of verbal behavior: A review. *Journal of Genetic Psychology*, 61:65-94, 1959.
- SALZINGER, K., and FELDMAN, R. S.: Verbal behavior of schizophrenic and normal subjects. *Annals of the New York Academy of Sciences*, 105: 845-860, 1964. (Also acknowledges MH-1541, MH-4443, and MH-4842).
- SALZINGER, K., and PISONI, STEPHANIE: Reinforcement of affect responses of schizophrenics during the clinical interview. *Journal of Abnormal and Social Psychology*, 57:84-90, 1958.
- SALZINGER, K., and PISONI, STEPHANIE: Reinforcement of verbal affect responses of normal subjects during the interview. *Journal of Abnormal and Social Psychology*, 60:127-130, 1960. (Also acknowledges MH-1541).
- SALZINGER, K., and PISONI, STEPHANIE: Some parameters of the conditioning of verbal affect responses in schizophrenic subjects. *Journal of Abnormal and Social Psychology*, 63:511-516, 1961.
- SALZINGER, K., and PORTNOY, STEPHANIE: Verbal conditioning in interviews: Application to chronic schizophrenics and relationship to prognosis for acute schizophrenics. *Journal of Psychiatric Research*, 2:1-7, 1964. (Also acknowledges MH-7477 and MH-1541).
- STAUDT, VIRGINIA, and ZUBIN, J.: A biometric evaluation of the somato-therapies in schizophrenia. *Psychological Bulletin*, 54:171-196, 1957.
- SUTTON, S., HAKEREM, G., PORTNOY, M., and ZUBIN, J.: The effect of shift of sensory modality on serial reaction time: A comparison of schizophrenics and normals. *American Journal of Psychology*, 74:224-232, 1961. (Also acknowledges MH-1541).
- ZUBIN, J.: Discussion. In: Hoch, P. H., and Zubin, J., eds. *Current problems in psychiatric diagnosis*. New York, Grune & Stratton, 1953, p. 118.
- ZUBIN, J.: How the psychologist helps the psychiatrist in the evaluation of therapy. *Journal of Brooklyn State Hospital Psychiatric Forum*, Vol. 1953.
- ZUBIN, J.: Evaluation of therapeutic outcome in mental disorders. *Journal of Nervous and Mental Disease*, 117:95-111, 1953.
- ZUBIN, J.: Design for the evaluation of therapy. In: Wortis, J., ed. *Psychiatric treatment*. Vol. 1. Association for Research in Nervous and Mental Disease. Baltimore, Williams & Wilkins, 1954, p. 10-15.
- ZUBIN, JOSEPH: Current theoretical and practical problems in measurement: A symposium. The measurement of personality. *Journal of Consulting Psychology*, 1:159-164, 1954.
- ZUBIN, J.: Failures of the Rorschach technique. *Journal of Projective Techniques*, 18:303-310, 1954.
- ZUBIN, J.: Clinical vs. actuarial prediction: A pseudoproblem. In: Proceedings of the 1955 international conference on testing problems. Princeton, Educational Testing Service, 1955, p. 107-128.
- ZUBIN, J.: The non-projective aspects of the Rorschach experiment, introduction to the symposium. *Journal of Social Psychology*, 55:35-49, 1956.
- ZUBIN, J.: A biometric model for psychopathology. In: Patton, R. A., ed. *Current trends in the description and analysis of behavior*. Pittsburgh, University of Pittsburgh Press, 1958.
- ZUBIN, J., BURDOCK, E. I., SUTTON, S., and CHIFFRINO, FRANCES: Prognostic indicators in mental illness. *Public Health Report*, 72:592-595, 1957.
- ZUBIN, J., BURDOCK, E. I., SUTTON, S., and CHIFFRINO, FRANCES: Epidemiological aspects of prognosis in mental illness. In: Pasamanick, B., ed. *Epidemiology of mental disorder*. Washington, American Association of Advancement for Science, 1958, p. 119-142.
- ZUBIN, J., ERON, L. D., and SULTAN, FLORENCE: A psychometric evaluation of the Rorschach experiment. *American Journal of Orthopsychiatry*, 26:773-782, 1956.
- ZUBIN, J., and WINDLE, C.: Psychological prognosis of outcome in the mental disorders. *Journal of Abnormal and Social Psychology*, 49:272-280, 1954.

- MH-589 (R01) RIOPELLE, ARTHUR J.: Patterns of behavior in primates. Emory University, Atlanta, Ga. (1952-57)
- DARBY, C. L., and RIOPELLE, A. J.: Differential problem sequences and the formation of learning sets. *Journal of Psychology*, 39:105-108, 1955.
- DARBY, C. L., and RIOPELLE, A. J.: Observational learning in the rhesus monkeys. *Journal of Comparative and Physiological Psychology*, 52:94-98, 1959.
- PFEIFFER, C. C., RIOPELLE, A. J., SMITH, R. P., JENNY, E. H., and WILLIAMS, H. L.: Comparative study of the effect of meprobamate on the conditioned response, on strychnine and pentylene-tetrazol thresholds on the normal electroencephalogram, and on polysynaptic reflexes. *Annals of the New York Academy of Sciences*, 67:734-743, 1957. (Also acknowledges MH-875).
- RIOPELLE, A. J.: Facilities of the Emory University Primate Behavior Laboratory. *Journal of Psychology*, 38:331-338, 1954.
- RIOPELLE, A. J.: Learning sets from minimum stimuli. *Journal of Experimental Psychology*, 49: 28-32, 1955.
- RIOPELLE, A. J.: Rewards, preferences and learning sets. *Psychological Reports*, 1:167-173, 1955.
- RIOPELLE, A. J.: Observational learning of a position habit by monkeys. *Journal of Comparative and Physiological Psychology*, 53:426-428, 1960.
- RIOPELLE, A. J., and CHURUKIAN, G. A.: The effect of varying the intertrial interval in discrimination learning by normal and brain-operated monkeys. *Journal of Comparative and Physiological Psychology*, 51:119-125, 1958.
- RIOPELLE, A. J., and COPELAN, E. L.: Discrimination reversal to a sign. *Journal of Experimental Psychology*, 48:143-145, 1954.
- RIOPELLE, A. J., and FRANCISCO, E. W.: Discrimination learning performance under different first-trial conditions. *Journal of Comparative and Physiological Psychology*, 48:90-93, 1955.
- RIOPELLE, A. J., FRANCISCO, E. W., and ADER, H. W.: Differential first-trial procedures and discrimination learning performance. *Journal of Comparative and Physiological Psychology*, 47: 293-297, 1954. (Also acknowledges MH-359).
- RIOPELLE, A. J., and MCCINN, R.: Position habits and discrimination learning. *Journal of Comparative and Physiological Psychology*, 54:178-180, 1961.
- RIOPELLE, A. J., and MILLER, JAMES A.: Behavior of rhesus monkeys asphyxiated at nine days of age. In: Windle, William F., ed. *Neurological and psychological deficits of asphyxia neonatorum*. Springfield, Illinois, Thomas, 1958, p. 68-71.
- RIOPELLE, A. J., and PFEIFFER, C. C.: The effect of acute and chronic administration of reserpine on test performance on monkeys. *A. M. A. Archives of Neurology and Psychiatry*, 79:352-358, 1958. (Also acknowledges MH-875).
- RIOPELLE, A. J., and PREISLEY, W. J.: Observational learning of an avoidance response. *Journal of Genetic Psychology*, 95:251-254, 1959.
- RIOPELLE, A. J., and ROGER, J. P.: Transfer of training to orthogonal dimensions. *Journal of Experimental Psychology*, 52:367-370, 1956.
- RIOPELLE, A. J., and SHELL, W. F.: Multiple discrimination learning in raccoons. *Journal of Comparative and Physiological Psychology*, 50:585-587, 1957.
- RIOPELLE, A. J., and SHELL, W. F.: Progressive discrimination learning in platyrrhine monkeys. *Journal of Comparative and Physiological Psychology*, 51:467-470, 1958.
- RIOPELLE, A. J., SMITH, R. P., and WAGMAN, A. I.: The effects of reserpine on conditioned avoidance behavior in normal and brain-operated monkeys. *Journal of Pharmacology and Experimental Therapeutics*, 117:136-141, 1956.
- RIOPELLE, A. J., STEWART, P. A., and BEHAR, X.: Galvanic skin response in monkeys with prehensile tails. *American Journal of Physical Anthropology*, 15:333-340, 1957.
- SMITH, R. P., WAGMAN, A. I., PFEIFFER, C. C., and RIOPELLE, A. J.: Effects of some tranquillizing and depressant drugs on conditioned avoidance behavior in monkeys. *Journal of Pharmacology and Experimental Therapeutics*, 119:317-323, 1957. (Also acknowledges MH-875).
- MH-592 (R01) GLIDEWELL, JOHN C., DOMKE, HERBERT R.: Evaluation of a community mental health program. St. Louis County Department of Public Health, Clayton, Mo. (1953-59)
- DOMKE, H. R., BUCHMUELLER, A. D., MENSCH, I. N., and GILDEA, MARGARET C.-L.: A research project to evaluate a community mental health program. In: Interrelations between the social environment and psychiatric disorders. New York, Milbank Memorial Fund, 1953.
- GILDEA, MARGARET C.-L.: School mental health: Orientation, methods, and screening. In: Krugman, Morris, ed. *Orthopsychiatry and the school*. New York, New York American Orthopsychiatric Association, 1958, p. 131-134.
- GILDEA, MARGARET C.-L., DOMKE, H. R., MENSCH, I. N., BUCHMUELLER, A. D., GLIDEWELL, J. C., and KANTOR, M. B.: Community mental health research: Findings after three years. *American Journal of Psychiatry*, 114(11):970-976, 1958.
- GILDEA, MARGARET C.-L., GLIDEWELL, JOHN C., and KANTOR, MILDRED B.: Two approaches to



- the study of maternal attitudes. In: Proceedings of the Regional Research Conference of the American Psychiatric Association, Iowa City, 1960.
- GILDEA, MARGARET, C. L., GLIDEWELL, J. C., and KANTOR, M. B.: Maternal attitudes and general adjustment in school children. In: Parental attitudes and child behavior. Springfield, Ill., Charles C. Thomas, 1961.
- GLIDEWELL, J. C.: An experimental mental health program in Webster Groves. In: Third year book, American Association of Public Schools. New York, Columbia University, 1955.
- GLIDEWELL, J. C.: Some possible forecasts on research on mental health in the classroom. *Journal of Social Issues*, 15(1):59-62, 1959.
- GLIDEWELL, J. C.: Mental health discussion groups. *Adult Leadership*, 10(1,5):4-5, 1961.
- GLIDEWELL, J. C.: On the analysis of social intervention. In: Parental attitudes and child behavior. Springfield, Ill., Charles C. Thomas, 1961, p. 215-239.
- GLIDEWELL, J. C., and DOMKE, H. R.: Health department research in community mental health. *American Journal of Public Health*, 48(3):362-368, 1958.
- GLIDEWELL, J. C., DOMKE, H. R., and KANTOR, M. B.: Screening in schools for behavior disorders: Use of mother's reports of symptoms. *Journal of Educational Research*, 56(10):508-515, 1963.
- GLIDEWELL, J. C., GILDEA, MARGARET, C.-L., DOMKE, H. R., and KANTOR, M. B.: Behavior symptoms in children and adjustment in public school. *Human Organization*, 18(3):123-130, 1959.
- GLIDEWELL, J. C., MENSCH, I. N., DOMKE, H. R., GILDEA, M. C.-L., and BUCHMUELLER, A. D.: Methods for community mental health research. *American Journal of Orthopsychiatry*, 27(1):38-54, 1957.
- GLIDEWELL, J. C., MENSCH, I. N., and GILDEA, MARGARET, C.-L.: Behavior symptoms in children and degree of sickness. *American Journal of Psychiatry*, 114(1):47-53, 1957.
- KANTOR, M. B., GLIDEWELL, J. C., MENSCH, I. N., DOMKE, H. R., and GILDEA, MARGARET C.-L.: Socio-economic level and maternal attitudes toward parent-child relationships. *Human Organization*, 16:44-48, 1958.
- MENSCH, I. N.: Community mental health services: Research in evaluation. *Psychological Reports*, 2: 497-498, 1956.
- MENSCH, I. N., and GLIDEWELL, J. C.: Children's perceptions of relationships among their family and friends. *Journal of Experimental Education*, 27(1):65-71, 1958.
- MENSCH, I. N., KANTOR, M. B., DOMKE, H. R., GILDEA, MARGARET C.-L., and GLIDEWELL, J. C.: Children's behavior symptoms and their relationships to school adjustment, sex, and social class. *Journal of Social Issues*, 15(1):8-15, 1959.
- SWINEHART, JAMES W.: Socio-economic level, status aspiration, and maternal role. *American Sociological Review*, 28(3):391-399, 1963.
- TAPIA, F., JEKEL, J., and DOMKE, H. R.: Enuresis: An emotional symptom? *The Journal of Nervous and Mental Disease*, 130(1):61-66, 1960.
- MH-593 (R01) SEEMAN, JULIUS: Play therapy and emotionally disturbed children. University of Chicago, Chicago, Illinois. (1953-53) (Continued as MH-701)
- SEEMAN, JULIUS, BARRY, EDYTH, and ELLINWOOD, CHARLOTTE: Personality integration as a criterion of therapy outcome. *Psychotherapy: Theory, Research, and Practice*, 1:14-16, 1963. (Also acknowledges MH-707).
- SEEMAN, JULIUS, BARRY, EDYTH, and ELLINWOOD, CHARLOTTE: Interpersonal assessment of play therapy outcome. *Psychotherapy: Theory, Research, and Practice*, 1:64-66, 1964. (Also acknowledges MH-707).
- MH-595 (R01) SOLOMAN, HARRY C., CHAPMAN, WILLIAM P.: Autonomic and emotional responses to stimulation. Harvard Medical School, Boston, Mass. (1952-56)
- CHAPMAN, W. P., SCHROEDER, H. R., GEYER, G., BRAZIER, M., FAGER, C., POPPEN, J. L., SOLOMON, H. C., and YAKOVLEV, P. I.: Physiological evidence concerning importance of the amygdaloid nuclear region in the integration of circulatory function and emotion in man. *Science*, 120:949-950, December 3, 1954.
- LAFFERTY, JAMES M., and CHAPMAN, WILLIAM P.: Indwelling electrodes for use in therapeutic coagulation and physiological studies of the brain in patients with neurological or psychiatric disorders. *Electroencephalography and Clinical Neurophysiology*, 14(4):554-556, 1962.
- MH-597 (R01) BECK, SAMUEL J.: Psychological study of schizophrenic children. University of Chicago, Chicago, Ill. (1952-55)
- BECK, S. J.: Personality research and theories of personality structure: Some convergences. *Journal of Projective Techniques*, 19:361-371, 1955.
- BECK, SAMUEL J.: Discussion of paper by Bender, Lauretta entitled "The concepts of pseudopsychopathic schizophrenia in adolescents." *American Journal Orthopsychiatry*, 29(3):491-509, 1959.
- BECK, S. J.: Families of schizophrenic and of well children: Method, concepts, and some results.

- 1960.
- BECK, S. J.: SR-2. Affect autonomy in schizophrenia. *A. M. A. Archives of General Psychiatry*, 2:408-420, 1960.
- BECK, S. J., and MOLISH, H. B.: Course in the individual patient as traced in the six schizophrenias. *Journal of Nervous and Mental Disease*, 125:403-411, 1957.
- BECK, S. J., MOLISH, H. B., and SINCLAIR, JEAN: Gradients in operational description of schizophrenic behavior. *Psychiatric Quarterly*, 30(1):1-14, 1957.
- MOLISH, H. B., and BECK, S. J.: Mechanisms of defense in schizophrenic reaction types as evaluated by the Rorschach Test. *American Journal of Orthopsychiatry*, 28:47-60, 1958.
- MOLISH, H. B., and BECK, S. J.: Further explorations of the "six schizophrenias": Type S-3. *American Journal of Orthopsychiatry*, 28:483-505, and 809-827, 1958.
- MH-600 (R01) CLARK, LELAND C., JR.: Biochemical mechanisms of drug induced psychoses. Antioch College, Yellow Springs, Ohio. (1953-58)
- BENINGTON, F., MORIN, R. D., and CLARK, L. C.: Mescaline analogs. I. 2, 4, 6-trialkoxy-B-phenethylamines. *Journal of Organic Chemistry*, 19:11-16, 1954.
- BENINGTON, FREDERICK, MORIN, RICHARD D., and CLARK, LELAND C., JR.: Mescaline analogs. II. Tetra- and penta-methoxy-beta-phenethylamines. *Journal of Organic Chemistry*, 20:102-108, 1955.
- BENINGTON, FREDERICK, MORIN, RICHARD D., and CLARK, LELAND C., JR.: Mescaline analogs. III. 2, 4, 6-trialkyl- and 3, 4-dihydroxy-5-methoxy-beta-phenethylamines. *Journal of Organic Chemistry*, 20:1292-1296, 1955.
- BENINGTON, FREDERICK, MORIN, RICHARD D., and CLARK, LELAND C., JR.: Mescaline analogs. IV. Substituted 4, 5, 6-trimethoxy indoles. *Journal of Organic Chemistry*, 20:1454-1457, 1955.
- BENINGTON, FREDERICK, MORIN, RICHARD D., and CLARK, LELAND C., JR.: Mescaline analogs. V. Para - dialkylamine - beta - phenethylamines and 9- (beta-aminoethyl) julolidine. *Journal of Organic Chemistry*, 21:1470-1471, 1956.
- BENINGTON, FREDERICK, MORIN, RICHARD D., and CLARK, LELAND C., JR.: Mescaline analogs. VI. Mescaline homologs. *Journal of Organic Chemistry*, 21:1545-1546, 1956.
- BENINGTON, FREDERICK, MORIN, RICHARD D., and CLARK, LELAND C., JR.: New synthesis of trichocereine. *Journal of Organic Chemistry*, 22:227, 1957.
- BENINGTON, FREDERICK, MORIN, RICHARD D., and CLARK, LELAND C., JR.: Mescaline analogs. VII. 3, 4, 5-trimethyl-beta-phenethylamine. *Journal of Organic Chemistry*, 22:332, 1957.
- BENINGTON, FREDERICK, MORIN, RICHARD D., and CLARK, LELAND C., JR.: Mescaline analogs. VIII. Substituted 5-methoxy- and 5, 6, 7-trimethoxyindoles. *Journal of Organic Chemistry*, 23:19-23, 1958.
- BENINGTON, FREDERICK, MORIN, RICHARD D., and CLARK, LELAND C., JR.: Psychopharmacological activities of ring and side chain substituted beta-phenethylamines. *Journal of Organic Chemistry*, 23:1977, 1958.
- BENINGTON, FREDERICK, MORIN, RICHARD D., and CLARK, LELAND C., JR.: Synthesis of O- and N-methylated derivatives of 5-hydroxy-tryptamine. *Journal of Organic Chemistry*, 23:1977-1979, 1958.
- BENINGTON, F., MORIN, R. D., and CLARK, L. C.: Synthesis of 3, 6, 7-trimethoxy- 2, 3-dihydroindole and 6,7-dimethoxyindole. *Journal of Organic Chemistry*, 24:23-25, 1959.
- CLARK, LELAND C., JR., FOX, R. PHYLLIS, BENINGTON, FREDERICK, and MORIN, RICHARD: Effect of mescaline, lysergic acid diethylamide, and related compounds on respiratory enzyme activity of brain hemogenates. *Federation Proceedings*, 13:27, 1954.
- CLARK, LELAND C., JR., FOX, R. PHYLLIS, MORIN, RICHARD, and BENINGTON, FREDERICK: Effects of psychotomimetic compounds on certain oxidative and hydrolytic enzymes in mammalian brain. *Journal of Nervous and Mental Disease*, 124:466-474, 1956.
- CLARK, L. C., and MISRAHY, G.: Chronically implanted polarograph electrodes. *Federation Proceedings*, 16(1):22-23, 1957.
- MORIN, RICHARD D., BENINGTON, FREDERICK, and CLARK, LELAND C., JR.: Synthesis of 5,6, 7-trimethoxyindole, a possible intermediary metabolite of mescaline. *Journal of Organic Chemistry*, 22:331-332, 1957.
- MH-609 (R01) KNAPP, PETER H., LEMON, HENRY M., LOWELL, FRANCIS C.: Psychosomatic studies of bronchial asthma. Boston University, Boston, Mass. (1953-56)
- KNAPP, PETER H., and MICHAELSON, ALAN: Psychiatric pulmonary and adrenocortical observations in bronchial asthma. *Journal of Allergy*, 26:80, 1955.
- KNAPP, PETER H., and NEMETZ, S. J.: Personality variations in bronchial asthma. *Psychosomatic Medicine*, 19:443-465, 1957. (Also acknowledges MH-1223).

- MH-1227.  
LOWRIE, FRANCIS C., SCHILLER, IRVING W., and LYNCH, MARY T.: Estimation of the severity of bronchial asthma. *Journal of Allergy*, 26(2): 113-122, 1955.
- MH-611 (R01) HEGSTED, D. MARK, TRULSON, M. F.: Metabolic nutritional patterns in mongolism. Harvard University, Boston, Mass. (1952-54)
- GERSHOFF, S. N., HEGSTED, D. M., and TRULSON, M. F.: Metabolic studies of mongoloids. *American Journal of Clinical Nutrition*, 6:526-530, 1958.
- HEGSTED, D. M., GERSHOFF, S. N., TRULSON, M. F., and JOLLY, D. H.: Variation in riboflavin excretion. *Journal of Nutrition*, 60:581-598, 1956.
- MH-612 (R01) HEATH, ROBERT G.: Relation of midbrain function to schizophrenia. Tulane University, New Orleans, La. (1952-54)
- HEATH, R. G.: Studies in schizophrenia: A multidisciplinary approach to mind-brain relationships. Cambridge, Harvard University Press, 1954, 619 p.
- HEATH, R. G.: Correlations between levels of psychological awareness and physiological activity in the central nervous systems. *Psychosomatic Medicine*, 17:383, 1955.
- HEATH, R. G.: Physiological and biochemical studies in schizophrenia with particular emphasis on mind-brain relationships. *International Review of Neurobiology*, 1:299-331, 1959.
- MH-614 (R01) STONE, L. JOSEPH: Psychological effects of schooling on deaf children. Vassar College, Poughkeepsie, N.Y. (1952-60)
- STONE, L. JOSEPH: Vassar Research in the hard of hearing. *Vassar Alumnae Magazine*, 45(4), March 1960.
- STONE, L. JOSEPH, FIEDLER, MIRIAM F., and FINE, CAROL G.: Preschool education of deaf children. *Journal of Speech and Hearing Disorders*, 26(1): 45-60, 1961.
- MH-621 (R01) HAVIGHURST, ROBERT J.: The mental abilities of older persons. University of Chicago, Chicago, Ill. (1953-54)
- DOPPELT, JEROME E., and WALLACE, WIMBURN L.: Standardization of the Wechsler adult intelligence scale for older persons. *Journal of Abnormal and Social Psychology*, 51:312-330, 1955.
- WESMAN, ALEXANDER G.: Standardizing an indi-
- F., HILL, WILLIAM F., LAKE, RICHARD A., MARTIN, ELMORE, POLITZER, FRANK, SCHIFF, HERBERT M., WILCOX, JACK E.: Measurement of communication in group psychotherapy. State Hospital South, Blackfoot, Idaho. (1953-58)
- CASTORE, G. F.: Number of verbal interrelationships as a determinant of group size. *Journal of Abnormal and Social Psychology*, 64:456-458, 1962.
- CASTORE, G. F., HILL, W. F., and LAKE, R. A.: Measurement of a therapeutic group by a scale of communication complexity in interpersonal interactions: A study of inter-judge reliability. *Provo Papers*, 3:1-20, 1959.
- DEWIT, F.: Therapist behavior in group therapy. *Provo Papers*, 1:1-11, 1957.
- HILL, WILLIAM F.: Hill interaction matrix. Salt Lake City, Utah, Dye, Smith & Co., 1962, 106 p. (Also acknowledges MH-1133).
- LAKE, R. A.: Methods and techniques of group procedure. *Provo Papers*, 3:32-42, 1959.
- LAKE, R. A.: Toward a theory of interaction behavior. *Provo Papers*, 3(3):44-53, 1959.
- MARTIN, ELMORE A., and HILL, WILLIAM FAWCETT: Toward a theory of group development. Six phases of therapy group development. *International Journal of Group Psychotherapy*, 7:20-30, 1957.
- POLITZER, F.: An exploration of personality functioning in group therapy. *Provo Papers*, 3:21-31, 1959.
- WILCOX, E. J., and HILL, W. F.: Group process problems in a team research program. *Provo Papers*, 1:37-52, 1957.
- MH-623 (R01) LACEY, JOHN I., LACEY, BEATRICE C.: Psychophysiology of the autonomic nervous system. Fels Research Institute, Yellow Springs, Ohio. (1953- )
- KAGAN, JEROME, and MOSS, HOWARD A.: Birth to maturity. A study in psychological development. New York & London, John Wiley & Sons, 1962, 381 p. (Also acknowledges MH-1260).
- LACEY, JOHN I.: The evaluation of autonomic responses: Toward a general solution. *Annals of the New York Academy of Sciences*, 67:123-164, 1956.
- LACEY, JOHN I.: Psychophysiological approaches to the evaluation of psychotherapeutic process and outcome. In: Rubinstein, Eli A., and Parloff, Morris B., eds. *Research in psychotherapy*. Washington, D.C., National Publishing, 1959, p. 160-208.

- LACEY, JOHN I., KAGAN, JEROME, LACEY, BEATRICE C., and MOSS, HOWARD A.: The visceral level: Situational determinants and behavioral correlates of autonomic response patterns. In: Knapp, P. J., ed. *Expression of the emotions in man*. New York, International Universities Press, 1963, p. 161-196. (Also acknowledges MH-1260).
- LACEY, JOHN I., and LACEY, BEATRICE C.: Verification and extension of the principle of autonomic response stereotypy. *American Journal of Psychology*, 71:50-73, 1958.
- LACEY, JOHN I., and LACEY, BEATRICE C.: The relationship of resting autonomic activity to motor impulsivity: The brain and human behavior. *Proceedings of the Association for Research in Nervous and Mental Diseases*, 36:144-209, 1958.
- LACEY, JOHN I., and LACEY, BEATRICE C.: The law of initial values in the longitudinal study of autonomic constitution: Reproducibility of autonomic responses and response patterns over a four-year interval. *Annals of the New York Academy of Sciences*, 98:1257-1290, 1962. Also 1322-1326 (Appendix).
- LACEY, JOHN I., and SMITH, ROBERT L.: Conditioning and generalization of unconscious anxiety. *Science*, 120:1045-1052, 1954.
- LACEY, JOHN I., SMITH, ROBERT L., and ARNOLD, GREEN: Use of conditioned autonomic responses in the study of anxiety. *Psychosomatic Medicine*, 17:208-217, 1955.
- WELFORD, NORMAN T.: Recording physiological and behavioral data using Serial Event Timer and Recorder (SETAR). In: Slater, L. E., ed. *Proceedings of the Interdisciplinary Clinic on the Instrumentation Requirements for Psychophysiological Research*. New York, FIER, 1961, p. 76-80.
- WELFORD, NORMAN T.: The SETAR and its uses for recording physiological and behavioral data. *IRE Transactions on Bio-Medical Electronics*, BME-9:185-189, 1962.
- WELFORD, NORMAN T., LACEY, BEATRICE C., and PECKHAM, CYRIL: Computer identification and measurement of cardiac cyclic activity. *Psychophysiology*, 1(2):111-114, 1964.
- MH-627 (R01) KINDER, ELAINE F.: Comparative study of development of social behavior. Yerkes Laboratories of Primate Biology—Emory University, Orange Park, Fla. (1953-56)
- LEV, JOSEPH, and KINDER, ELAINE F.: New analysis of variance formulas for treating data from mutually paired subjects. *Psychometrika*, 22(1): 1-15, 1957.
- MH-628 (R01) WITKIN, HERMAN A., and GOODENOUGH, DONALD R.: Studies in psychological differentiation. State University of New York—Downstate Medical Center, Brooklyn, N.Y. (1953- )
- BERTINI, MARIO: Studio sulla natura dell' effetto "frame" nella percezione della verticale. *Estratto Dalla Rivista Di Psicologia*, 58(4):1-35, Ottobre-Dicembre 1964.
- DYK, R. B., and WITKIN, H. A.: Family experiences related to the development of differentiation in children. *Child Development*, 36(1):21-55, 1965.
- GOODENOUGH, D. R., and EAGLE, C. J.: A modification of the embedded-figures test for use with young children. *Journal of Genetic Psychology*, 103:67-74, 1963.
- GOODENOUGH, D. R., and KARP, S. A.: Field dependence and intellectual functioning. *Journal of Abnormal and Social Psychology*, 63(2):241-246, 1961.
- KARP, S. A.: Field dependence and overcoming embeddedness. *Journal of Consulting Psychology*, 27(4):294-302, 1963.
- KARP, STEPHEN A., and KONSTADT, NORMA L.: Alcoholism and psychological differentiation: Long-range effect of heavy drinking on field dependence. *Journal of Nervous and Mental Disease*, 140(6):412-416, 1965.
- KARP, STEPHEN A., and PARDES, HERBERT: Psychological differentiation (field dependence) in obese women. *Psychosomatic Medicine*, 27(3): 238-244, 1965.
- KARP, STEPHEN A., WITKIN, HERMAN A., and GOODENOUGH, DONALD R.: Alcoholism and psychological differentiation: Effect of alcohol on field dependence. *Journal of Abnormal Psychology*, 70(4):262-265, 1965.
- KARP, STEPHEN A., WITKIN, HERMAN A., and GOODENOUGH, DONALD R.: Alcoholism and psychological differentiation: Effect of achievement of sobriety on field dependence. *Quarterly Journal of Studies on Alcohol*, 26(4):580-585, 1965.
- ROSENBLUM, LEONARD A., WITKIN, HERMAN A., KAUFMAN, I. CHARLES, and BROSGOLD, LEONARD: Perceptual disembedding in monkeys: Note on method and preliminary findings. *Perceptual and Motor Skills*, 20(3):Part 1:729-736, 1965. (Also acknowledges MH-4670).
- WITKIN, HERMAN A.: The perception of the upright. *Scientific American*, 200(2):49-56, 1959.
- WITKIN, H. A.: The problem of individuality in development. In: Kaplan, B., and Wapner, S., eds. *Perspectives in psychological theory*. New York, International Universities Press, 1960.
- WITKIN, H. A.: Psychological self-consistency. *Transactions of the New York Academy of Sciences*, 22(7):541-545, 1960.

1 14/2 'N2/a/991

- WITKIN, H. A.: Cognitive development and the growth of personality. *Acta Psychologica*, 18(4): 245-247, 1961.
- WITKIN, H. A.: Origins of cognitive style. In: Scheerer, C., ed. *Cognition: Theory, research, promise*. New York, Harper & Row, 1964, p. 172-205.
- WITKIN, HERMAN A.: Diferenciacion psicologica y formas de patologia. *Revista de Psicologia General y Aplicada*, 19(75):945-966, 1964.
- WITKIN, HERMAN A.: Some implications of research on cognitive style for problems of education. *Archivio di psicologia, neurologia e psichiatria*, 26(1):27-55, 1965.
- WITKIN, HERMAN A.: Development of the body concept and psychological differentiation. In: Wapner, S., and Werner H., eds. *The body percept*. New York, Random House, 1965, p. 26-48.
- WITKIN, HERMAN A.: Psychological differentiation and forms of pathology. *Journal of Abnormal Psychology*, 70(5):317-335, 1965.
- WITKIN, H. A., DYK, R. B., FATERSON, H. F., GOODENOUGH, D. R., and KARP, S. A.: Psychological differentiation. Studies of development. New York, John Wiley, 1962, 418 p.
- WITKIN, HERMAN A., FATERSON, HANNA F., GOODENOUGH, DONALD R., and BIRNBAUM, JUDITH: Cognitive patterning in mildly retarded boys. *Child Development*, 37(2):301-316, 1966.
- WITKIN, HERMAN A., and LEWIS, HELEN B.: The relation of experimentally induced presleep experiences to dreams: A report on method and preliminary findings. *Journal of the American Psychoanalytic Association*, 13(4):819-849, 1965.
- MH-629 (R01) RODNICK, ELIOT H., and GARMEZY, NORMAN: Motivation and psychological deficit of schizophrenia. Duke University, Durham, N.C. (1953-61)
- BLEKE, R.: Reward and punishment as determiners of reminiscence effects in schizophrenic and normal subjects. *Journal of Personality*, 23:479-501, 1955.
- CLARKE, ALAN R.: Conformity behavior of schizophrenic subjects with maternal figures. *Journal of Abnormal and Social Psychology*, 68:45-53, 1964.
- DUNN, W. L., JR.: Visual discrimination of schizophrenic subjects as a function of stimulus meaning. *Journal of Personality*, 23:48-64, 1954.
- FARINA, A.: Patterns of role dominance and conflict in parents of schizophrenic patients. *Journal of*
- nonrecovered schizophrenics. *Archives of General Psychiatry*, 9:224-228, 1963.
- FARINA, AMERIGO, GARMEZY, NORMAN, and BARRY HERBERT, III.: Relationship of marital status to incidence and prognosis of schizophrenia. *Journal of Abnormal and Social Psychology*, 67(6):624-630, 1963.
- FARINA, A., GARMEZY, N., ZALUSKY, M., and BECKER, J.: Premorbid behavior and prognosis in female schizophrenic patients. *Journal of Consulting Psychology*, 26:56-60, 1962.
- GARMEZY, N., CLARKE, A. R., and STOCKNER, CAROL: Child rearing attitudes of mothers and fathers as reported by schizophrenic and normal patients. *Journal of Abnormal and Social Psychology*, 63:176-182, 1961.
- GARMEZY, N., FARINA, A., and RODNICK, E. H.: The structured situational test: A method for studying family interaction in schizophrenia. *American Journal of Orthopsychiatry*, 30:445-452, 1960.
- GARMEZY, N., and RODNICK, E. H.: Premorbid adjustment and performance in schizophrenia: Implications for interpreting heterogeneity in schizophrenia. *Journal of Nervous and Mental Disease*, 129:450-466, 1959.
- GUTTMAN, N., and KALISH, H. I.: Discriminability and stimulus generalization. *Journal of Experimental Psychology*, 51:79-88, 1956. (Also acknowledges MH-631 and MH-1002).
- HARRIS, J. G., JR.: Size estimation of pictures as a function of thematic content for schizophrenic and normal subjects. *Journal of Personality*, 25:651-671, 1957.
- KALISH, H. I., GARMEZY, N., RODNICK, E. H., and BLAKE, R. C.: The effects of anxiety and experimentally-induced stress on verbal learning. *Journal of General Psychology*, 59:87-95, 1959.
- RODNICK, E. H.: Clinical psychology, psychopathology, and research on schizophrenia. In: Koc S., ed. *Psychology: A study of science*. Vol. New York, McGraw-Hill, 1963, p. 738-779.
- RODNICK, E. H., and GARMEZY, N.: An experimental approach to the study of motivation in schizophrenia. In: Jones, Marshall, R., ed. *Nebraska Symposium on Motivation*. Lincoln, Nebraska: University of Nebraska Press, 1957, p. 109-18.
- WHBB, W. W.: Conceptual ability of schizophrenics as a function of threat of failure. *Journal of Abnormal and Social Psychology*, 50:221-224, 1955.
- ZAHN, T. P.: Acquired and symbolic affective values as determinants of size estimation in schizophrenic and normal subjects. *Journal of Abnormal and*

- anxiety. *Journal of Abnormal and Social Psychology*, 61:457-462, 1960.
- MH-631 (R01) GUTTMAN, NORMAN: The nature of rewards in learning and conflict. Duke University, Durham, N.C. (1953-55)
- COLLIER, G., and SISKEL, M.: Performance as a joint function of amount of reinforcement and inter-reinforcement interval. *Journal of Experimental Psychology*, 57:115-120, 1959. (Also acknowledges MH-817).
- GUTTMAN, N.: Equal-reinforcement values for sucrose and glucose solutions compared with equal sweetness values. *Journal of Comparative and Physiological Psychology*, 5:358-361, 1954.
- GUTTMAN, N.: Laws of behavior and facts of perception. In: Koch, S., ed. *Psychology: A study of a science*. Vol. 5. New York, McGraw-Hill, 1963, p. 114-178. (Also acknowledges MH-1002 and MH-3917).
- GUTTMAN, N., and KALISH, H. I.: Discriminability and stimulus generalization. *Journal of Experimental Psychology*, 51:79-88, 1956. (Also acknowledges MH-629 and MH-1002).
- MH-637 (R01) HAGGARD, ERNEST A., ISAACS, KENNETH S., SHAKOW, DAVID, and SHIFFRIN, RAE A.: Analysis of psychoanalytic therapy process. University of Illinois, Chicago, Ill. (1953-66)
- ALEXANDER, J.: The psychology of bitterness. *International Journal of Psychoanalysis*, 41:514-520, 1960. Also in *Revue Française de Psychoanalyse*, 25:943-958, 1961.
- ALEXANDER, J., and ISAACS, K. S.: Seriousness and preconscious affective attitudes. *International Journal of Psychoanalysis*, 44:23-30, 1963.
- ALEXANDER, J., and ISAACS, K. S.: Obeissance a la realite: Contribution a la theorie psychanalytique de la depression. *Revue Française de Psychoanalyse*, 27:223-230-1963.
- ALEXANDER, J. M., and ISAACS, K. S.: The function of affect. *British Journal of Medical Psychology*, 37:231-237, 1964.
- CARMICHAEL, H. T.: Sound film recording of psychoanalytic therapy. *Journal of the Iowa State Medical Society*, November:590-595, 1956.
- HAGGARD, E. A., CHAPMAN, JEAN, ISAACS, K. S., and DICKMAN, K. W.: Intraclass correlation vs. factor analytic techniques for determining groups of profiles. *Psychological Bulletin*, 56:48-57, 1959.
- HAGGARD, ERNEST A., HIKEN, JULIA R., and ISAACS, KENNETH S.: Some effects of recording and filming on the psychotherapeutic process. *Psychiatry*, 28(2):169-191, 1965.
- HAGGARD, ERNEST A., and ISAACS, KENNETH S.: Micromomentary facial expressions as indicators of ego mechanisms in psychotherapy. In: Gottschalk, L. A., and Auerbach, A. H., eds. *Methods of research in psychotherapy*. New York, Appleton-Century-Crofts, 1966, p. 155-165.
- ISAACS, K. S., ALEXANDER, J., and HAGGARD, E. A.: Faith, trust, and gullibility. *International Journal of Psychoanalysis*, 44:461-469, 1963.
- ISAACS, KENNETH S., and HAGGARD, ERNEST A.: Some methods used in the study of affect in psychotherapy. In: Gottschalk, L. A., and Auerbach, A. H., eds. *Methods of research in psychotherapy*. New York, Appleton-Century-Crofts, 1966, p. 226-239.
- MILLER, ARTHUR A., ISAACS, KENNETH S., and HAGGARD, ERNEST A.: On the nature of the observing function of the ego. *British Journal of Medical Psychology*, 38(2):161-167, 1965.
- SKLANSKY, M. A., ISAACS, K. S., and HAGGARD, E. A.: A method for the study of verbal interaction and levels of meaning in psychotherapy. *Scientific Papers and Discussions*, 1:133-148, 1960.
- SKLANSKY, MORRIS A., ISAACS, KENNETH S., LEVITOV, EDITH S., and HAGGARD, ERNEST A.: Verbal interaction and levels of meaning in psychotherapy. *Archives of General Psychiatry*, 14(2):158-170, 1966.
- STERNBERG, R. S., CHAPMAN, JEAN, and SHAKOW, D.: Psychotherapy research and the problem of intrusions on privacy. *Psychiatry*, 21(2):195-203, 1958.
- MH-639 (R01) PFEIFFER, CARL C.: Convulsive metabolites in epilepsy and schizophrenia. University of Illinois, Chicago, Ill. (Continued as MH-875). (1953-54)
- JENNEY, E. H., and PFEIFFER, C. C.: The convulsant effect of hydrazides and the antidotal effect of anticonvulsants and metabolites. *Journal of Pharmacology and Experimental Therapeutics*, 122(1):110-123, 1958. (Also acknowledges MH-875).
- KILLAM, K. F.: Convulsant hydrazides: II. Comparison of electrical changes and enzyme inhibition induced by the administration of thiosemicarbazide. *Journal of Pharmacology and Experimental Therapeutics*, 119:263-271, 1957. (Also acknowledges MH-875).
- KILLAM, K. F., and BAIN, J. A.: Convulsant hydrazides. I. In vitro and in vivo inhibition of vitamin B enzymes by convulsant hydrazides. *Journal of Pharmacology and Experimental Therapeutics*, 119:255-262, 1957. (Also acknowledges MH-875).
- PFEIFFER, CARL C., JENNEY, ELIZABETH H., and MARSHALL, WILLIAM H.: Experimental seizures

T 1 14/2 'N2/a/991

- in man and animals with acute pyridoxine deficiency produced by hydrazides. *Electroencephalography and Clinical Neurophysiology*, 8:307-315, 1955. (Also acknowledges MH-875).
- PRESTON, JAMES B.: Pentylene-tetrazole and thiosemicarbazide: A study of convulsant activity in the isolated cerebral cortex preparation. *Journal of Pharmacology and Experimental Therapeutics*, 115(1):28-38, 1955. (Also acknowledges MH-875).
- PRESTON, JAMES B.: The influence of thiosemicarbazide on electrical activity recorded in the anterior brain stem of the cat. *Journal of Pharmacology and Experimental Therapeutics*, 115(1):39-45, 1955. (Also acknowledges MH-875).
- REILLY, R. H., KILLAM, K. F., JENNEY, E. H., MARSHALL, W. H., TAUSIG, T., and APTER, N. S.: Convulsant effects of isoniazid. *Journal of American Medical Association*, 152:1317-1321, 1953.
- MH-647 (R01) MILLER, NEAL E.: Behavioral laws of motivation and conflict. Yale University, New Haven, Conn. (1953-66)
- BAILEY, C. J.: The effectiveness of drives as cues. *Journal of Comparative and Physiological Psychology*, 48:183-187, 1955.
- BAILEY, C. J., and PORTER, L. V.: Relevant cues in drive discrimination in cats. *Journal of Comparative and Physiological Psychology*, 48:180-182, 1955.
- BARRY, H., III: Effects of strength of drive on learning and on extinction. *Journal of Experimental Psychology*, 55:473-481, 1958.
- BARRY, H., III, and MILLER, N. E.: Effects of drugs on approach-avoidance conflict tested repeatedly by means of a "telescope alley". *Journal of Comparative and Physiological Psychology*, 55:201-210, 1962. (Also acknowledges MH-2949).
- BARRY, H., III, WAGNER, SYLVIA A., and MILLER, N. E.: Effects of several drugs on performance in an approach-avoidance conflict. *Psychological Reports*, 12:215-221, 1963. (Also acknowledges MH-2949).
- BERKUN, M. M.: Factors in the recovery from approach-avoidance conflict. *Journal of Experimental Psychology*, 54:65-73, 1957.
- BIALER, I.: Primary and secondary stimulus generalization as related to intelligence level. *Journal of Experimental Psychology*, 62:395-402, 1961.
- BOWER, G. H., and MILLER, N. E.: Rewarding and punishing effects from stimulating the same place in the rat's brain. *Journal of Comparative and Physiological Psychology*, 51:669-674, 1958.
- COONS, EDGAR E., LEVAK, MILENA, and MILLER, NEAL E.: Lateral hypothalamus: Learning of
- DEBOLD, R. C., MILLER, N. E., and JENSEN, D. D.: Effect of strength of drive determined by a new technique for appetitive classical conditioning of rats. *Journal of Comparative and Physiological Psychology*, 59:102-108, 1965.
- DELGADO, J. M. R., ROBERTS, W. W., and MILLER, N. E.: Learning motivated by electrical stimulation of the brain. *American Journal of Physiology*, 179:587-593, 1954.
- DICARA, LEO V.: Effect of amygdaloid lesions on avoidance learning in the rat. *Psychonomic Science*, 4(7):279-280, 1966.
- EGGER, M. D., and MILLER, N. E.: Secondary reinforcement in rats as a function of information value and reliability of the stimulus. *Journal of Experimental Psychology*, 64:97-104, 1962.
- EGGER, M. D., and MILLER, N. E.: When is reward reinforcing: An experimental study of the information hypothesis. *Journal of Comparative and Physiological Psychology*, 56:132-137, 1963.
- FEIRSTEIN, A. R., and MILLER, N. E.: Learning to resist pain and fear: Effects of electric shock before versus after reaching goal. *Journal of Comparative and Physiological Psychology*, 56:797-800, 1963.
- FOWLER, H.: Facilitation and inhibition of performance by punishment: The effects of shock intensity and distribution of trials. *Journal of Comparative and Physiological Psychology*, 56:531-538, 1963.
- FOWLER, H., and MILLER, N. E.: Facilitation and inhibition of runway performance by hind and forepaw shock of various intensities. *Journal of Comparative and Physiological Psychology*, 56:801-805, 1963.
- FROMER, R.: Conditioned vasomotor responses in the rabbit. *Journal of Comparative and Physiological Psychology*, 56:1050-1055, 1963.
- HANDAL, PAUL J.: Immediate acceptance of sodium salts by sodium deficient rats. *Psychonomic Science*, 3(7):315-316, 1965.
- HENDRY, D. P.: The effect of correlated amount of reward on performance on a fixed-interval schedule of reinforcement. *Journal of Comparative and Physiological Psychology*, 55:387-391, 1962.
- HENDRY, D. P., and RASCHE, R. H.: Analysis of a new nonnutritive positive reinforcer based on thirst. *Journal of Comparative and Physiological Psychology*, 54:477-483, 1961.
- HOLMES, J. E., and MILLER, N. E.: Effects of bacterial endotoxin on water intake, food intake and body temperature in the albino rat. *Journal of Experimental Medicine*, 118:649-658, 1963.

- speed. *Journal of Comparative and Physiological Psychology*, 55:44-51, 1962.
- KENYON, JOHN, and KRIECKHAUS, E. E.: Enhanced avoidance behavior following septal lesions in the rat as a function of lesion size and spontaneous activity. *Journal of Comparative and Physiological Psychology*, 59(3):466-468, 1965. (Also acknowledges MH-1370).
- KRASNE, F. B.: General disruption resulting from electrical stimulus of ventromedial hypothalamus. *Science*, 138:822-823, 1962.
- KRASNE, FRANKLIN B.: Decreased tolerance of hypothalamic hyperphagics to quinine in drinking water. *Psychonomic Science*, 4(9):313-314, 1966.
- KRIECKHAUS, E. E.: Decrements in avoidance behavior following mammillothalamic tractotomy in cats. *Journal of Neurophysiology*, 27(5):753-767, 1964.
- KRIECKHAUS, E. E.: Ultrasound as a diagnostic and surgical tool. In: Gordon, D., ed. *Ultrasound in psychology*. London, E. & S. Livingstone, 1964.
- KRIECKHAUS, E. E.: Decrements in avoidance behavior following mammillothalamic tractotomy in rats and subsequent recovery with d-amphetamine. *Journal of Comparative and Physiological Psychology*, 60(1):31-35, 1965.
- KRIECKHAUS, E. E., and CHI, CARL C.: Role of freezing and fear in avoidance decrements following mammillothalamic tractotomy in cat: I. Two-way avoidance behavior. *Psychonomic Science*, 4(7):263-264, 1966.
- KRIECKHAUS, E. E., SIMMONS, H. J., THOMAS, G. J., and KENYON, J.: Septal lesions enhance shock avoidance behavior in the rat. *Experimental Neurology*, 9:107-113, 1964. (Also acknowledges MH-1370).
- LEATON, ROBERT N.: Exploratory behavior in rats with hippocampal lesions. *Journal of Comparative and Physiological Psychology*, 50(3):325-330, 1965. (Also acknowledges MH-4163).
- MACPHAIL, Euan M.: Self-stimulation in pigeons: The problems of "priming." *Psychonomic Science*, 5(1):7-8, 1966.
- MILLER, NEAL E.: Drive, drive-reduction, and reward. In: *Proceedings of the 14th International Congress of Psychology*, Montreal, Canada. Amsterdam, North-Holland, 1954, p. 151-152.
- MILLER, N. E.: Shortcomings of food consumption as a measure of hunger; results from other behavioral techniques. *Annals of the New York Academy of Sciences*, 63:141-143, 1955.
- MILLER, N. E.: Effects of drugs on motivation: The value of using a variety of measures. *Annals of New York Academy of Sciences*, 65:318-333, 1956.
- MILLER, N. E.: A psychologist speaks. In: Kruse, H. D., ed. *Integrating the approaches to mental disease*. New York, Hoeber, 1957, p. 43-45.
- MILLER, N. E.: Objective techniques for studying motivational effects of drugs on animals. In: Garattini, S., and Ghetti, V., eds. *Psychotropic drugs*. Amsterdam, Elsevier, 1957, p. 83-103.
- MILLER, N. E.: Experiments on motivation: Studies combining psychological, physiological and pharmacological techniques. *Science*, 126(3268):1271-1278, 1957.
- MILLER, N. E.: Central stimulation and other new approaches to motivation and reward. *American Psychologist*, 13:100-108, 1958.
- MILLER, N. E.: Liberalization of basic S-R concepts: Extensions to conflict behavior and social learning. In: Koch, Sigmund, ed. *Psychology: A study of a science*. Vol. II. General systematic formulations, learning and special processes. New York, McGraw-Hill, 1958, p. 196-292.
- MILLER, N. E.: Motivational effects of brain stimulation and drugs. *Federation Proceedings*, 19:846-854, 1960. (Also acknowledges MH-2949).
- MILLER, N. E.: Some recent studies of conflict behavior and drugs. *American Psychologist*, 16:12-24, 1961. (Also acknowledges MH-2949).
- MILLER, N. E.: Analytical studies of drive and reward. *American Psychologist*, 16:739-754, 1961.
- MILLER, N. E.: Integration of neurophysiological and behavioral research. *Annals of the New York Academy of Sciences*, 92:830-839, 1961.
- MILLER, N. E.: Learning and performance motivated by direct stimulation of the brain. In: *Electrical stimulation of the brain*. Austin, Texas, University of Texas Press, 1961, p. 387-396.
- MILLER, NEAL E.: Implications for theories of reinforcement. In: *Electrical stimulation of the brain*. Austin, Texas, University of Texas Press, 1961, p. 575-581.
- MILLER, NEAL E.: Some experiments on the mechanisms of motivation. *Voprosy Psikhologii (Moscow)*, 4:143-156, 1961.
- MILLER, NEAL E.: Some motivational effects of electrical and chemical stimulation of the brain. *Electroencephalography and Clinical Neurophysiology*. Supplement 24:247-259, 1963. (Also acknowledges MH-2949).
- MILLER, N. E.: Some reflections on the law of effect produce a new alternative to drive reduction. In: *Nebraska Symposium on Motivation*. Lincoln, Nebr., University of Nebraska Press, 1963, p. 65-112. (Also acknowledges MH-2949).
- MILLER, N. E.: Certain recent developments in experimental psychology. *Proceedings of the Royal Society of Britain*, 148:481-497, 1963.



- MILLER, N. E.: Comments on "Approach-avoidance conflict in the mother-surrogate situation." *Psychological Reports*, 12:773-774, 1963.
- MILLER, N. E.: Discussion of Dr. Anand's paper. In: Brazier, M. A. B., ed. *Brain and behavior*. Vol. 2. American Institute of Biological Science, 1964, p. 90-99.
- MILLER, NEAL E.: Some psychophysiological studies of motivation and of the behavioural effects of illness. *Bulletin of British Psychological Society*, 17:1-20, 1964. (Also acknowledges MH-2949).
- MILLER, N. E.: Some implications of modern behavior theory for personality and psychotherapy. In: Byrne, D., and Worchel, P., eds. *Personality change*. New York, Wiley, 1964, p. 149-175. (Also acknowledges MH-2949).
- MILLER, N. E.: Physiological and cultural determinants of behavior. In: *Proceedings of the National Academy of Sciences Centennial Symposium*, Washington, D.C., May, 1964.
- MILLER, NEAL E.: Extending the domain of learning. *Science*, 152(3722):676, 1966.
- MILLER, N. E., and BARRY, H., III: Motivational effects of drugs: Methods which illustrate some general problems in psychopharmacology. *Psychopharmacologia*, 1:169-199, 1960. (Also acknowledges MH-2949).
- MILLER, N. E., COONS, E. E., LEWIS, MELISSA, and JENSEN, D. D.: Electrode holders in chronic preparations. B. A simple technique for use with the rat. In: Sheer, D. E. *Electrical stimulation of the brain*. Austin, Texas, University of Texas Press, 1961, p. 51-54.
- MILLER, N. E., and DEBOLD, R. C.: Classically conditioned tongue-licking and operant bar pressing recorded simultaneously in the rat. *Journal of Comparative and Physiological Psychology*, 59: 109-111, 1965.
- MILLER, N. E., GOTTESMAN, K. S., and EMERY, N.: Dose-response to carbachol and norepinephrine in rat's hypothalamus. *American Journal of Physiology*, 206:1384-1388, 1964. (Also acknowledges MH-2949).
- MILLER, N. E., JENSEN, D. D., and MYERS, A. K.: Injury and excitation by electric current. B. A comparison of the Lilly waveform and the sixty-cycle sine wave. In: Sheer, D. E. *Electrical stimulation of the brain*. Austin, Texas, University of Texas Press, 1961, p. 64-66.
- MILLER, N. E., and KESSEN, M. L.: Is distension of the stomach via balloon rewarding or punishing? *American Psychologist*, 9:430-431, 1954.
- MILLER, N. E., PFAFFMAN, C., and SCHLOSBERG, H.: Aspects of psychology and psychophysiology in the USSR. In: Bauer, R. A., ed. *Some views on Soviet psychology*. New York, Timely Press, 1962.
- MILLER, N. E., and PORTER, L. W.: Training under two drives, alternately present, vs. training under a single drive. *Journal of Experimental Psychology*, 54:1-7, 1957.
- MILLER, N. E., SAMPLINER, R. I., and WOODROW, P.: Thirst-reducing effects of water by stomach fistula vs. water by mouth measured by both consummatory and an instrumental response. *Journal of Comparative and Physiological Psychology*, 50:1-5, 1957.
- MILLER, N. E., and SENF, G.: Evidence for positive induction in instrumental discrimination learning. In: Armenian Academy of Sciences, Asratyan Memorial Volume, December, 1964.
- MURRAY, EDWARD J.: A content-analysis method for studying psychotherapy. *Psychological Monographs*, 70(13):1-32, 1956. (Whole No. 420).
- MURRAY, E. J., and BERKUN, M. M.: Displacement as a function of conflict. *Journal of Abnormal and Social Psychology*, 51:47-56, 1955.
- MYERS, A. K., and MILLER, N. E.: Failure to find a learned drive based on hunger: Evidence for learning motivated by "exploration." *Journal of Comparative and Physiological Psychology*, 4: 428-436, 1954.
- NOVIN, D., and MILLER, N. E.: Failure to condition thirst induced by feeding dry food to hungry rats. *Journal of Comparative and Physiological Psychology*, 55:373-374, 1962.
- ROBERTS, W. W.: Rapid escape learning without avoidance learning under motivation aroused by hypothalamic stimulation. *Journal of Comparative and Physiological Psychology*, 51:391-395, 1958.
- ROBERTS, W. W.: Both rewarding and punishing effects from stimulation of posterior hypothalamus of cat with same electrode at same intensity. *Journal of Comparative and Physiological Psychology*, 51:400-407, 1958.
- ROBERTS, W. W., DEMBER, W. N., and BRODWICK, M.: Alternation and exploration in rats with hippocampal lesions. *Journal of Comparative and Physiological Psychology*, 55:695-700, 1962.
- STEINBAUM, E. A., and MILLER, N. E.: Obesity from eating elicited by daily stimulation of hypothalamus. *American Journal of Physiology*, 206(1):1-5, 1965.
- STRICKLER, E. M., and MILLER, N. E.: Thirst measured by licking reinforced on interval schedule. Effects of prewatering and of bacterial endotoxin. *Journal of Comparative and Physiological Psychology*, 59:112-115, 1965.
- TENEN, S. S., and MILLER, NEAL E.: Strength of electrical stimulation of lateral hypothalamus, food deprivation and tolerance for quinine in food. *Journal of Comparative and Physiological Psychology*, 58:55-62, 1964.

- WOLF, G.: Effect of dorsolateral hypothalamic lesions in sodium appetite elicited by desoxycorticosterone and by acute hyponatremia. *Journal of Comparative and Physiological Psychology*, 58: 396-402, 1964.
- WOLF, GEORGE, and QUARTERMAIN, DAVID: Sodium chloride intake of desoxycorticosterone-treated and of sodium-deficient rats as a function of saline concentration. *Journal of Comparative and Physiological Psychology*, 61(2):288-291, 1966.
- ZIMBARDO, P. G., and BARRY H., III: Effects of caffeine and chlorpromazine on the sexual behavior of male rats. *Science*, 127:84-85, 1958.
- ZIMBARDO, P. G., and MILLER, N. E.: The facilitation of exploration by hunger in rats. *Journal of Comparative and Physiological Psychology*, 51: 43-46, 1958.
- MH-648 (R01) DOLLARD, JOHN: Quantitative methods for the study of psychotherapy. Yale University, New Haven, Conn. (1953- )
- AULD, FRANK, JR.: Contributions of behavior theory to projective testing. *Journal of Projective Techniques*, 18(4):421-426, 1954.
- AULD, FRANK, JR.: Is Beck's sample of Rorschach testees representative? *Journal of Genetic Psychology*, 56:135-136, 1957.
- AULD, FRANK, JR.: Emotions in the interview; Can they be measured? *Psychological Reports*, 8:239-242, 1961.
- AULD, FRANK, JR., DREYER, HARRY W., and DOLLARD, JOHN: Measurement of electrical skin resistance during interviews. *Psychological Reports*, 4:11-15, 1958.
- AULD, F., and MAHL, G. F.: A comparison of the DRQ with ratings of emotion. *Journal of Abnormal and Social Psychology*, 53:386-388, 1956. (Also acknowledges MH-1052).
- AULD, FRANK, JR., and MURRAY, EDWARD, J.: Content-analysis studies of psychotherapy. *Psychological Bulletin*, 52:377-395, 1955.
- AULD, FRANK, JR., and MYERS, JEROME K.: Contributions to a theory for selecting psychotherapy patients. *Journal of Clinical Psychology*, 10(1): 56-60, 1954. (Also acknowledges MH-263).
- AULD, FRANK, JR., and WHITE, ALICE M.: Rules for dividing interviews into sentences. *Journal of Psychology*, 42:273-281, 1956.
- AULD, FRANK, JR., and WHITE, ALICE M.: Sequential dependencies in psychotherapy. *Journal of Abnormal and Social Psychology*, 58:100-104, 1959.
- Journal of Abnormal and Social Psychology*, 54: 187-191, 1957.
- DITTES, JAMES E.: Facts and fantasies in the minister's mental health. In: Oates, Wayne E., ed. *The minister's own mental health*. New York, Channel Press, 1961, p. 209-222.
- DOLLARD, JOHN, and AULD, FRANK, JR.: Scoring human motives. New Haven, Conn., Yale University Press, 1959, 452 p.
- MURRAY, EDWARD J., AULD, FRANK, and WHITE, ALICE M.: A psychotherapy case showing progress but no decrease in the discomfort-relief quotient. *Journal of Consulting Psychology*, 18:349-353, 1954.
- MYERS, JEROME K., and AULD, FRANK, JR.: Some variables related to outcome of psychotherapy. *Journal of Clinical Psychology*, 11(1):51-54, 1955.
- WHITE, A. M., FICHTENBAUM, L., and DOLLARD, J.: Measure for predicting dropping out of psychotherapy. *Journal of Consulting Psychology*, 28: 326-332, 1964.
- WHITE, ALICE M., FICHTENBAUM, LEONARD, and DOLLARD, JOHN: Evaluation of silence in initial interviews with psychiatric clinic patients. *Journal of Nervous and Mental Disease*, 139(6):550-557, 1964.
- WHITE, ALICE M., FICHTENBAUM, LEONARD, and DOLLARD, JOHN: A content measure of changes attributable to psychotherapy. *American Journal of Orthopsychiatry*, 36(1):41-49, 1966.
- MH-650 (R01) GAGE, NATHANIEL L.: Studies of social perception in the classroom. University of Illinois, Urbana, Ill. (1953-57)
- GAGE, N. L.: Explorations in teachers' perceptions of pupils. *Journal of Teacher Education*, 9:97-101, 1958.
- GAGE, N. L.: A method for "improving" teacher behavior. *Journal of Teacher Education*, 14:261-266, 1963.
- GAGE, N. L., and CRONBACH, LEE J.: Conceptual and methodological problems in interpersonal perception. *Psychological Review*, 62:411-422, 1955.
- GAGE, N. L., LEAVITT, GEORGE S., and STONE, GEORGE C.: Teachers' understanding of their pupils and pupils' ratings of their teachers. *Psychological Monographs*, 69(21), 1955. (Whole No. 406)
- GAGE, N. L., LEAVITT, GEORGE S., and STONE, GEORGE C.: Social perception in the classroom. Urbana, Ill., Bureau of Educational Research, University of Illinois, 1955, 73 p. (Report No. 5)

- 1 14/2 '1121a/991
- of interpersonal perception. *Psychological Bulletin*, 53:258-266, 1956.
- GAGE, N. L., LEAVITT, GEORGE S., and STONE, GEORGE C.: The psychological meaning of acquiescence set for authoritarianism. *Journal of Abnormal and Social Psychology*, 55:98-103, 1957.
- GAGE, N. L., and RUNKEL, P. J.: What do they expect? Some conversation about pupils, an invitation, and a request. Urbana, Illinois, Bureau of Educational Research, University of Illinois Press.
- GAGE, N. L., RUNKEL, P. J., and CHATTERJEE, B. B.: Equilibrium theory and behavior change: An experiment in feedback from pupils to teachers. Urbana, Ill., Bureau of Educational Research, University of Illinois, 1960, 129 p.
- GAGE, N. L., RUNKEL, P. J., and CHATTERJEE, B. B.: Changing teacher behavior through feedback from pupils: An application of equilibrium theory. In: Charters, W. W., Jr., and Gage, N. L., eds. *Readings in the social psychology of education*. Boston, Allyn & Bacon, 1963, p. 173-181.
- RUDIN, S. A.: Measuring the teacher's effectiveness as a lecturer. *Journal of Genetic Psychology*, 98: 147-154, 1961.
- STONE, GEORGE C., GAGE, N. L., and LEAVITT, GEORGE S.: An analysis of the negative correlation between two kinds of accuracy in predicting another's responses. Urbana, Ill., Bureau of Educational Research, University of Illinois, 1954, 25 p. (Report No. 3)
- STONE, GEORGE C., GAGE, N. L., and LEAVITT, GEORGE S.: Two kinds of accuracy in predicting another's responses. *Journal of Social Psychology*, 45:245-254, 1957.
- STONE, GEORGE C., LEAVITT, GEORGE S., and GAGE, N. L.: Generality of accuracy in perceiving standard persons. Urbana, Ill., Bureau of Educational Research, University of Illinois, 1954, 13 p. (Report No. 1)
- MH-651 (R01) KOPELOFF, NICHOLAS: Effect of arterial ligation on experimental epilepsy. Columbia University, New York, N.Y. (1952-56)
- CHUSID, J. G., KOPELOFF, L. M., and KOPELOFF, N.: Recurrent motor epileptic seizures following intraparietal cerebral injections of alumina cream in the monkey. *Federation Proceedings*, 13:26-27, 1954.
- CHUSID, J. G., KOPELOFF, L. M., and KOPELOFF, N.: Chronic bilateral carotid arterial occlusion in epileptic monkeys. (Abstract) *Federation Proceedings*, 14(1)Part I:28, 1955.
- CHUSID, J. G., KOPELOFF, L. M., and KOPELOFF, N.: Motor epilepsy of parietal lobe origin in the monkey. *Neurology*, 5:108-112, 1955.
- CHUSID, J. G., KOPELOFF, L. M., and KOPELOFF, N.: Reserpine (Serpasil) effects on epileptic monkeys. *Proceedings of the Society for Experimental Biology and Medicine*, 88:276-277, 1955.
- CHUSID, J. G., KOPELOFF, L. M., and KOPELOFF, N.: Effects of unilateral and bilateral carotid arterial occlusions in monkeys. *Proceedings of the Society for Experimental Biology and Medicine*, 89:534-536, 1955.
- CHUSID, J. G., KOPELOFF, L. M., and KOPELOFF, N.: Convulsive effects of tripeleminamine and diphenhydramine in monkeys. *Federation Proceedings*, 15:35-36, 1956.
- CHUSID, J. G., KOPELOFF, L. M., and KOPELOFF, N.: Anterior and middle cerebral arterial ligation in chronic experimental epilepsy in the monkey. *Journal of Applied Physiology*, 12:114-116, 1955.
- KOPELOFF, L. M., CHUSID, J. G., and KOPELOFF, N.: Chronic experimental epilepsy in "macaca mulatta." *Neurology*, 4:218-227, 1954.
- KOPELOFF, L. M., CHUSID, J. G., and KOPELOFF, N.: Epilepsy in "macaca mulatta" after cortical intracerebral alumina. *Archives of Neurology and Psychiatry*, 74:523-526, 1955.
- KOPELOFF, L. M., CHUSID, J. G., and KOPELOFF, N.: Effect of chlorpromazine upon epileptic and normal monkeys. *Proceedings of the Society for Experimental Biology and Medicine*, 90:282-283, 1955.
- KOPELOFF, N., CHUSID, J. G., and KOPELOFF, L. M.: Epilepsy produced in "macaca mulatta" with commercial aluminum hydroxide. *Electroencephalography and Clinical Neurophysiology*, 6:303-306, 1954.
- MH-652 (R01) MASLAND, RICHARD L.: Effect of anticonvulsants on EEG abnormalities. Wake Forest College, Winston-Salem, N.C. (1952-53)
- STROBOS, ROBERT R. J.: Prognosis in convulsive disorders. *A. M. A. Archives of Neurology*, 216-225, 1959.
- MH-655 (R01) ARMSTRONG, MARVIN D., and TYLER, FRANK H.: Biochemical basis of phenylpyruvic oligophrenia. University of Utah, Salt Lake City, Utah. (1953-58)
- ARMSTRONG, MARVIN D.: The utilization of L-phenylalanine by the rat. *Journal of Biological Chemistry*, 205:839-848, 1953.
- ARMSTRONG, MARVIN D.: The phenylalanine and tyrosine requirements of the rat. *Journal of Biological Chemistry*, 213:409-414, 1955.
- ARMSTRONG, MARVIN D.: The relation of the biochemical abnormality to the development of mental defect in phenylketonuria. In: One, Silvio J., Jr., ed. *Etiological factors in mental*

- retardation. Report of the 23rd Ross Laboratories Pediatrics Research Conference. Columbus, Ohio, Ross Laboratories, 1957, p. 28-33.
- ARMSTRONG, MARVIN D., and BINKLEY, E. L., JR.: Observations on a newborn infant with phenylketonuria. *Proceedings of the Society for Experimental Biology and Medicine*, 93(3):418-420, 1956.
- ARMSTRONG, MARVIN D., CHAO, F. C., WALL, P. E., and PARKER, V. J.: The endogenous origin of hippuric acid. *Proceedings of the Society for Experimental Biology and Medicine*, 90:675-679, 1955.
- ARMSTRONG, MARVIN D., and LOW, N. L.: Studies on phenylketonuria. VIII. Relation between age, serum phenylalanine level, and phenylpyruvic acid excretion. *Proceedings of the Society for Experimental Biology and Medicine*, 94:142-146, 1957.
- ARMSTRONG, MARVIN D., LOW, N. L., and BOSMA, J. R.: Studies on phenylketonuria. IX. Further observations on the effect of phenylalanine-restricted diet on patients with phenylketonuria. *American Journal of Clinical Nutrition*, 5:543-554, 1957.
- ARMSTRONG, MARVIN D., and McMILLAN, ARMAND: 3-methoxy-4-hydroxy-D-mandelic acid, a urinary metabolite of norepinephrine. *Biochimica et Biophysica Acta*, 25:422-423, 1957.
- ARMSTRONG, MARVIN D., and McMILLAN, A.: Identification of a major urinary metabolite of norepinephrine. (Abstract) *Federation Proceedings*, 16(1):146, 1957.
- ARMSTRONG, MARVIN D., and McMILLAN, ARMAND: Studies on the formation of 3-methoxy-4-hydroxy-D-mandelic acid, a urinary metabolite of norepinephrine and epinephrine. *Pharmacological Reviews*, 11:394-401, 1959. (Also acknowledges MH-2278).
- ARMSTRONG, MARVIN D., and ROBINSON, KATHRYN S.: On the excretion of indole derivatives in phenylketonuria. *Archives of Biochemistry and Biophysics*, 52:287-288, 1954.
- ARMSTRONG, MARVIN D., and ROBINSON, KATHRYN S.: Abnormal metabolites in phenylketonuria. (Abstract) *Federation Proceedings*, 13:175-176, 1954.
- ARMSTRONG, MARVIN D., and SHAW, K. N. F.: Studies on phenylketonuria. III. The metabolism of  $\alpha$ -tyrosine. *Journal of Biological Chemistry*, 213:805-811, 1955.
- ARMSTRONG, MARVIN D., and SHAW, K. N. F.: The occurrence of (-)- $\beta$ -m-hydroxyphenyl-hydroxyacrylic acid in human urine. *Journal of Biological Chemistry*, 225:269-278, 1957.
- ARMSTRONG, M. D., SHAW, K. N. F., GORTATOWSKI, M. J., and SINGER, H.: The indole acids of human urine. Paper chromatography of indole acids. *Journal of Biological Chemistry*, 232:17-30, 1958.
- ARMSTRONG, MARVIN D., SHAW, K. N. F., and ROBINSON, KATHRYN S.: Studies on phenylketonuria. II. The excretion of  $\alpha$ -hydroxyphenylacetic acid in phenylketonuria. *Journal of Biological Chemistry*, 213:797-804, 1955.
- ARMSTRONG, MARVIN D., SHAW, K. N. F., and WALL, P. E.: The occurrence of m-hydroxyphenyl acids in urine. (Abstract) *Federation Proceedings*, 14:174, 1955.
- ARMSTRONG, MARVIN D., SHAW, K. N. F., and WALL, P. E.: The phenolic acids of human urine. Paper chromatography of phenolic acids. *Journal of Biological Chemistry*, 218(1):293-303, 1956.
- ARMSTRONG, MARVIN D., and TYLER, F. H.: Studies on phenylketonuria. I. Restricted phenylalanine intake in phenylketonuria. *Journal of Clinical Investigation*, 34:565-580, 1955.
- ARMSTRONG, MARVIN D., WALL, P. E., and PARKER, V. J.: The excretion of m-hydroxy-hippuric acid by humans. *Journal of Biological Chemistry*, 218(2):921-927, 1956.
- BROWN, D. M., ARMSTRONG, MARVIN D., and SMITH, E. L.: Studies on phenylketonuria. IV. Serum proteins in phenylketonuria. *Proceedings of the Society for Experimental Biology and Medicine*, 89:367-371, 1955.
- GORTATOWSKI, M. J., and ARMSTRONG, M. D.: Convenient lactic acids. *Journal of Organic Chemistry*, 22:1217-1220, 1957.
- GREENBERG, J. B., GALSTON, A. W., SHAW, K. N. F., and ARMSTRONG, M. D.: Formation and auxin activity of indole-3-glycolic acid. *Science*, 125:992-993, 1957.
- HORNER, F. A., and STREAMER, C. W.: Effect of a phenylalanine-restricted diet on patients with phenylketonuria. *Journal of the American Medical Association*, 161:1628-1630, 1956.
- LOW, N. L., ARMSTRONG, MARVIN D., and CARLISLE, J. W.: Phenylketonuria. Two unusual cases. *Lancet*, 2:917-918, 1956.
- LOW, N. L., BOSMA, J. F., and ARMSTRONG, MARVIN D.: Studies on phenylketonuria. VI. EEG studies in phenylketonuria. *A. M. A. Archives of Neurology and Psychiatry*, 77:359-364, 1957.
- LOW, N. L., BOSMA, J. F., ARMSTRONG, MARVIN D., and MADSEN, J. A.: Infantile spasms with mental retardation. I. Clinical observations and dietary experiments. *Pediatrics*, 22(6):1153-1164, 1958. (Also acknowledges MH-1586).
- MORRIS, A. J., and ARMSTRONG, M. D.: Rat growth experiments with 5-hydroxy-DL-tryptophan. (Abstract) *Federation Proceedings*, 16:393, 1957.

- MORRIS, A. J., and ARMSTRONG, M. D.: The preparation of 5-hydroxy-L-and-D-tryptophan. *Journal of Organic Chemistry*, 22:306-308, 1957.
- SHAW, K. N. F., and ARMSTRONG, M. D.: Growth experiments with  $\beta$ -phenylserine diastereomers. (Abstract) *Federation Proceedings*, 13:295, 1954.
- SHAW, K. N. F., and ARMSTRONG, M. D.: Rat growth experiments with  $\beta$ -phenylserine diastereomers. *Proceedings of the Society for Experimental Biology and Medicine*, 88:673-675, 1955.
- SHAW, K. N. F., ARMSTRONG, MARVIN D., and McMILLAN, A.: Preparation of m-hydroxyphenyl-L-and-D-lactic acids and other compounds related to m-tyrosine. *Journal of Organic Chemistry*, 21:1149-1151, 1956.
- SHAW, KENNETH N. F., GUDMUNDSON, ARIEL, and MORRIS, ALLAN J.: 5-Benzoyloxyindole. *Biochemical Preparations*, 9:12, 1962. (Also acknowledges MH-5232).
- SHAW, K. N. F., McMILLAN, A., and ARMSTRONG, M. D.: Metabolism of DOPA. (Abstract) *Federation Proceedings*, 15:353, 1956.
- SHAW, K. N. F., McMILLAN, A., and ARMSTRONG, MARVIN D.: Synthesis of o-tyrosine and related phenolic acids. *Journal of Organic Chemistry*, 21:601-604, 1956.
- SHAW, K. N. F., McMILLAN, A., and ARMSTRONG, MARVIN D.: The metabolism of 3, 4-dihydroxyphenylalanine. *Journal of Biological Chemistry*, 226:255-266, 1957.
- SHAW, K. N. F., McMILLAN, A., and ARMSTRONG, M. D.: Preparation of urinary metabolites of 3, 4-dihydroxyphenylalanine and norepinephrine and related compounds. *Journal of Organic Chemistry*, 23:27-32, 1958.
- SHAW, K. N. F., McMILLAN, A., GUDMUNDSON, A. G., and ARMSTRONG, M. D.: Preparation of  $\beta$ -(3-indolyl) compounds related to tryptophan metabolism. *Journal of Organic Chemistry*, 23:1171-1178, 1958.
- SHAW, K. N. F., and MORRIS, A. J.: 5-Hydroxy-dl-tryptophan. *Biochemical Preparations*, 9:92, 1962. (Also acknowledges MH-5232).
- SHAW, KENNETH N. F., and NOLAN, CHRIS: Improved preparation of diethyl oximino-formamido- and acetamidomalonates. *Journal of Organic Chemistry*, 22:1668-1670, 1957.
- TYLER, F. H., and ARMSTRONG, M. D.: Metabolic aspects of some neurological and muscular disorders. *Annual Review of Medicine*, 5:207-222, 1954.
- TYLER, F. H., BOSMA, J. F., and ARMSTRONG, M. D.: Clinical and biochemical changes in patients with phenylketonuria on restricted phenylalanine intake. *Journal of Clinical Investigation*, 34:917-918, 1955.
- MH-656 (R01) BARTLETT, ROSCOE G., JR., and BOHR, VERNON C.: The adrenal cortex and conditioned hypothermia. Loma Linda University, Loma Linda, Calif. (1953-54) (Continued as MH-986).
- BARTLETT, R. G., JR., and MILLER, M. A.: The adrenal cortex in restraint hypothermia and adaptation to the stress of restraint. *Journal of Endocrinology*, 14:181-187, 1956.
- REGISTER, U. D., and BARTLETT, R. G., JR.: Relationship of adrenalin to tissue sulfhydryl compounds. *Science*, 120:109-110, 1954.
- MH-657 (R01) PINCUS, GREGORY, and HOAGLAND HUDSON: Biochemistry of induced psychoses and schizophrenia. Worcester Foundation for Experimental Biology. Shrewsbury, Mass. (1953-55).
- ELMADJIAN, F., HOPE, J. M., and PINCUS, G.: The action of mono-ammonium glycyrrhizinate on adrenalectomized subjects and its synergism with hydrocortisone. *Journal of Clinical Endocrinology and Metabolism*, 16:338-349, 1956.
- FREEMAN, HARRY, PINCUS, GREGORY, ELMAJIAN, FRED, and ROMANOFF, LOUIS P.: Adrenocortical reactivity in aged schizophrenic patients. In Wolstenholm, G. E., and O'Connor, Margaret, eds. *Ciba Foundation Colloquia on Aging*. Vol. 1. Boston, Little, Brown, 1955, p. 219-236.
- FREEMAN, HARRY, PINCUS, GREGORY, ELMAJIAN, FRED, and ROMANOFF, LOUIS P.: Adrenal responsiveness in aged psychotic patients. *Geriatrics*, 10(2):72-77, 1955.
- HOAGLAND, HUDSON, RINKEL, MAX, and HYER, ROBERT W.: Adrenocortical function and urinary phosphate excretion. *A. M. A. Archives of Neurology and Psychiatry*, 73:100-109, 1955.
- MH-658 (R01) McCANDLESS, BOYD R.: Language ability and concept formation in children. State University of Iowa, Iowa City, Iowa. (1953-54).
- SCHAEFFER, MAURICE S., and GERJUOY, IRMA I.: The effect of stimulus naming on the discrimination learning of kindergarten children. *Child Development*, 26:231-240, 1955.
- SHEPARD, WINIFRED O.: The effect of verbal training on initial generalization tendencies. *Child Development*, 27:311-316, 1956.
- SHEPARD, WINIFRED O., and SCHAEFFER, MAURICE S.: The effect of concept knowledge on discrimination learning. *Child Development*, 27:171-178, 1956.
- MH-659 (R01) BLUM, GERALD S.: The role of defense mechanisms in behavior. University of Michigan, Ann Arbor, Mich. (1953-54).

- BLUM, G. S.: A guide for research use of the Blacky pictures. *Journal of Projective Techniques*, 26:3-29, 1962.
- COHEN, A. R.: Experimental effects of ego-defense preference on interpersonal relations. *Journal of Abnormal and Social Psychology*, 52:19-27, 1956.
- NELSON, S. E.: Psychosexual conflicts and defenses in visual perception. *Journal of Abnormal and Social Psychology*, 51:427-433, 1955.
- MH-661 (R01) HAHN, PAULINE B., GARDNER, GEORGE E., and WALDFOGEL, SAMUEL: A study of school phobia in children. Judge Baker Guidance Clinic, Boston, Mass. (1953-55)
- COOLIDGE, SAMUEL, BRODIE, RICHARD D., and FEENEY, BARBARA: A ten-year follow-up study of sixty-six school phobic children. *American Journal of Orthopsychiatry*, 34:675-684, 1964. (Also acknowledges MH-826).
- COOLIDGE, JOHN C., HAHN, PAULINE B., and PECK, ALICE L.: School phobia: Neurotic crisis or way of life. *American Journal of Orthopsychiatry*, 27:296-305, 1957.
- COOLIDGE, JOHN C., WILLER, MARY LOU, TESSMAN, ELLEN, and WALDFOGEL, SAMUEL: School phobia in adolescence: A manifestation of severe character disturbance. *American Journal of Orthopsychiatry*, 30:599-607, 1960.
- COOLIDGE, SAMUEL, and GRUNEBAUM, MARGARET: Considerations for individual and group therapy for the latency age child. *International Journal of Group Psychotherapy*, 14:84-96, 1964.
- COOLIDGE, SAMUEL, TESSMAN, ELLEN, WALDFOGEL, SAMUEL, and WILLER, MARY LOU: Patterns of aggression in school phobia. *Psychoanalytic Study of the Child*, 17:319-333, 1962.
- WALDFOGEL, SAMUEL, COOLIDGE, JOHN, and HAHN, PAULINE B.: The development, meaning and management of school phobia. *American Journal of Orthopsychiatry*. (Also acknowledges MH-826).
- WALDFOGEL, S., HAHN, P., and LANDY, E.: School phobia: Causes and management. *The School Counselor*, 3(2):19-25, 1955.
- WALDFOGEL, SAMUEL, TESSMAN, ELLEN, and HAHN, PAULINE B.: A program for early intervention in school phobia. *American Journal of Orthopsychiatry*, 29:324-332, 1959.
- MH-664 (R01) LEVINE, MAURICE, and GOTTSCHALK, LOUIS A.: Psychiatric study of surgical patients. University of Cincinnati, Cincinnati, Ohio. (1954-56)
- FRIEDHOFF, ARNOLD, ALPERT, MURRAY, and KURTZBERG, RICHARD L.: An effect of emotion on voice. *Nature*, 193(4813):357-358, 1962. (Also acknowledges MH-2716 and MH-4664).
- TITCHENER, JAMES L.: Psychiatry in the practice of surgery and the specialties. Somatopsychic sequences. In: Hofling, Charles K., ed. *Textbook of psychiatry for medical practice*. Philadelphia, Lippincott, 1963, p. 222-268.
- TITCHENER, JAMES L., and LEVINE, MAURICE, eds.: Surgery as a human experience. The psychodynamics of surgical practice. New York, Oxford University, 1960, 285 p. (Also acknowledges MH-999).
- TITCHENER, J., ZWERLING, I., GOTTSCHALK, L., and LEVINE, M.: Psychological reactions of the aged in surgery. *A. M. A. Archives of Neurology and Psychiatry*, 79:63-73, 1957.
- TITCHENER, J. L., ZWERLING, I., GOTTSCHALK, L. A., and LEVINE, M.: Psychological reactions to the aged in surgery. *Archives of Neurology and Psychiatry*, 79:63-73, 1958.
- TITCHENER, J. L., ZWERLING, I., GOTTSCHALK, L. A., LEVINE, M., CULBERTSON, W., COHEN, S., and SILVER, H.: Problem of delay in seeking surgical care. *Journal of the American Medical Association*, 160:1187-1193, 1956.
- TITCHENER, J. L., ZWERLING, I., GOTTSCHALK, L. A., LEVINE, M., CULBERTSON, W., COHEN, S., and SILVER, H.: Psychosis in surgical patients. *Surgery, Gynecology and Obstetrics*, 102:59-65, 1956.
- TITCHENER, J. L., ZWERLING, I., GOTTSCHALK, L. A., LEVINE, M., SILVER, H., COWETT, A., COHEN, S., CULBERTSON, W.: Consequences of surgical illness and treatment. *Archives of Neurology and Psychiatry*, 77:623-634, 1957.
- ZWERLING, I., TITCHENER, J., GOTTSCHALK, L. A., LEVINE, M., CULBERTSON, W., COHEN, SENTA F., and SILVER, H.: Personality disorder and the relationships of emotion to surgical illness in 200 surgical patients. *American Journal of Psychiatry*, 112(4):270-277, 1955.
- MH-669 (R01) HAYES, KEITH J.: Effect of experience on mental functions in animals. Yerkes Laboratories of Primate Biology—Emory University, Orange, Park, Fla. 1953-55)
- HAYES, KEITH J., and HAYES, C.: The cultural capacity of chimpanzee. *Human Biology*, 26:288-303, 1954.
- MH-674 (R01) HOBBS, NICHOLAS: Parent-child relationships of creative children. George Peabody College for Teachers, Nashville, Tenn. (1953-60)
- HOBBS, NICHOLAS: Motivation to high achievement. In: Shertzer, Bruce, ed. *Working with superior students: Theories and practices*. Chicago, Science Research Associates, 1960.

1472. N01A/991
- MH-675 (R01) INGRAM, WALTER R., KNOTT, JOHN R.: Neurological bases of behavior. Iowa, State University of Iowa City, Iowa. (1953- )
- AFIFI, A. K.: The camel subcommissural organ: Histology and histochemistry. (Abstract) *Anatomical Record*, 145:307, 1963.
- AFIFI, A. K.: Pineal body in the camel. (Abstract) *Anatomical Record*, 148:356, 1964.
- AFIFI, A. K.: The subcommissural organ of the camel. *Journal of Comparative Neurology*, 123: 139-142, 1964.
- AFIFI, A., and KAEHLER, W. W.: Efferent connections of the substantia nigra in the cat. *Experimental Neurology*, 11(4):474-482, 1965.
- AFIFI, A. K., MORRISON, R. T., SAHS, A. L., and EVANS, T. C.: A comparison of Hg<sup>203</sup> chlormerodrin scintencephaloscanning with neuroradiology and electroencephalography for the localization of intracranial lesions. (Abstract) *Neurology*, 14: 258, 1964.
- AFIFI, A. K., and OSBORNE, J. W.: Correlation of neurosecretory material with water intake and urine output in x-irradiated rats. (Abstract) *Anatomical Record*, 145:198, 1963.
- AFIFI, ADHI K., OSBORNE, JAMES W., and MITCHELL, C. L.: Changes in neurosecretory material, water intake, and urine output in X-irradiated rats. *Radiation Research*, 23(1):1-12, September 1964.
- BROWN, D., and AFIFI, A. K.: Histological and ablation studies on the relation of the subcommissural organ to sodium and water metabolism in the rat. (Abstract) *Anatomical Record*, 148: 264, 1964.
- CHAMBERLAIN, M. S., and SKULITZKY, F. M.: Mesencephalic responses elicited by septal and fornical stimulation in the cat. (Abstract) *Anatomical Record*, 145:215, 1963.
- CORRELL, R. E.: The effect of bilateral hippocampal stimulation on the acquisition and extinction of an instrumental response. *Journal of Comparative and Physiological Psychology*, 50:624-629, 1957.
- CORRELL, R. E., and INGRAM, W. R.: Variations in after-discharge from the hippocampus. *Proceedings of the Society for Experimental Biology and Medicine*, 93:240-245, 1956.
- CORRELL, R. E., INGRAM, W. R., and KNOTT, J. R.: Effects of hypothalamic lesions on preoperatively learned tasks. (Abstract) *Anatomical Record*, 124:277-278, 1956.
- CORRELL, R. E., and KAEHLER, W. W.: Some effects of chlorpromazine on subcortical activity. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 9:175, 1957.
- CORRELL, R. E., KNOTT, J. R., and INGRAM, W. R.: The effect of subcortical lesions on the bar press response. (Abstract) *Anatomical Record*, 121: 279-280, 1955.
- DAHL, D., INGRAM, W. R., and KNOTT, J. R.: Diencephalic lesions and avoidance learning in cats. *Archives of Neurology*, 7:314-319, 1962.
- HAMEL, E. G., and KAEHLER, W. W.: Reserpine action on central nervous system of the cat. *American Journal of Physiology*, 200:195, 1961.
- HENRY, C., and KNOTT, J. R.: Electroencephalography. In: Progress in neurology and psychiatry. New York, Grune & Stratton, 1961.
- INGRAM, W. R.: Modification of learning by lesions and stimulation in the diencephalon and related structures. In: Jasper, Herbert H., ed. *Reticular formation of the brain*. Henry Ford Hospital International Symposium. Boston, Mass., Little, Brown, 1958, p. 535-544.
- INGRAM, W. R.: Central autonomic mechanisms. In: Handbook of physiology-neurophysiology. Vol. 2. American Physiological Society, 1960, p. 951-978.
- INGRAM, W. R., KNOTT, J. R., and CORRELL, R. E.: The effects of subcortical lesions and subcortical stimulation on the bar press response. (Abstract) In *Proceedings of the 6th International Congress of Anatomy*, Paris, 1955, p. 100-111.
- INGRAM, W. R., KNOTT, J. R., and PIRSCH, J. G.: Electroencephalographic and behavioral effects of stimulation of certain points in diencephalon and forebrain in unanesthetized cats. (Abstract) *Anatomical Record*, 118:392-393, 1954.
- JACKSON, J. M.: A simple electrocardiograph monitor for routine use in electroencephalography. *Electroencephalography and Clinical Neurophysiology*, 14:924-927, 1962.
- JOHNSON, D. A., and KAEHLER, W. W.: Septal and anterior hypothalamic lesions: Some effects on sleep and body metabolism in cats. *Proceedings of the Society for Experimental Biology and Medicine*, 108:375-377, 1961.
- KAEHLER, W. W.: Cortical and subcortical electrical effects of psycho-pharmacological and tremor producing compounds. *Archives of Neurology and Psychiatry*, 80:544-553, 1958.
- KAEHLER, W. W.: Tremor at rest from tegmental lesions in the cat. *Journal of Neuropathology and Experimental Neurology*, 22:695-701, 1963.
- KAEHLER, W. W., and CORRELL, R. E.: Some subcortical influences on tremor. (Abstract) *Anatomical Record*, 127:315, 1957.
- KAEHLER, W. W., and CORRELL, R. E.: Effect of tremor producing drugs on subcortical electroencephalographic recordings. (Abstract) *Archives of Neurology and Psychiatry*, 80:181, 1958.
- KAEHLER, W. W., and HAMEL, E. G.: Drug (tremorine)-induced tremor in the cat. Abolition

- by differential transactions of the neuraxis. *Archives of Neurology*, 2:338-340, 1960.
- Kaelber, W. W., and Hamel, E. G.: Post-lesion tremor inhibition: Effect of tremorine after lesions of the hypothalamus and thalamus. *Archives of Neurology*, 5:221-226, 1961.
- Kaelber, W. W., and Hamel, E. G.: Observations on rest-type tremor in the cat. *Journal of Neuropathology and Experimental Neurology*, 20:263-274, 1961.
- Kaelber, W. W., and Ingram, W. R.: Claustrum of tamandua tetractyla and myrmecophaga jubata. *Anatomical Record*, 142:245-246, 1962.
- Kaelber, W. W., and Joynt, R. J.: Tremor production in cats given chlorpromazine. *Proceedings of the Society for Experimental Biology and Medicine*, 92:399-402, 1956.
- Kaelber, W. W., Nibbelink, D. W., and Ingram, W. R.: Some physiological and anatomical observations on dorsal root sections in cat. (Abstract) *Anatomical Record*, 139:243, 1961.
- Khalifbii, Riyad R., Kaelber, William W., and Ingram, Walter R.: Some efferent connections of the nucleus medialis dorsalis. An experimental study in the cat. *American Journal of Anatomy*, 116(2):341-354, 1965.
- Knott, J. R.: Some comments on automatic low frequency analysis. In: Brazier, Edward M. *Computer techniques in electroencephalogram analysis*. New York, Elsevier, 1961, p. 22-24.
- Knott, J. R., Correll, R. E., and Ingram, W. R.: Some subcortical influences on performance in the cat. *American Psychologist*, 10:395, 1955.
- Knott, J. R., and Ingram, W. R.: Diencephalic influences on learning performance. In: *Electrical stimulation of the brain*. Austin, University of Texas Press, 1961, p. 371-379.
- Knott, J. R., Ingram, W. R., and Chiles, W. D.: Effects of subcortical lesions on cortical electroencephalogram in cats. *Archives of Neurology and Psychiatry*, 73:203-215, 1955.
- Knott, J. R., Ingram, W. R., and Correll, R. E.: Effects of certain subcortical lesions on learning and performance in the cat. *A. M. A. Archives of Neurology*, 2:247-259, 1960.
- Knott, J. R., Ingram, W. R., and Correll, R. E.: Some effects of subcortical stimulation on the bar press response. *A. M. A. Archives of Neurology*, 2:476-484, 1960.
- Lowenberg, Edwin C.: An experimental electroencephalograph function generator. *Electroencephalography and Clinical Neurophysiology*, 11:335-357, 1959.
- McAdam, D.: Some neural correlates of classical aversive conditioning in the cat. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 14:288, 1962.
- McAdam, D. W.: Electroencephalographic changes and classical aversive conditioning in the cat. *Experimental Neurology*, 6:357-371, 1962.
- McAdam, D.: Some cortical-subcortical relationships during acquisition of a conditioned response. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 15:149, 1963.
- McAdam, D.: Effects of positional relations between subject, CS, and US on shuttle-box avoidance learning in cats. *Journal of Comparative and Physiological Psychology*, 58:302-304, 1964.
- McAdam, D., Grass, R., and Knott, J. R.: Quantification of the EEG response to flickering light. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 15:720, 1963.
- McAdam, D. W., Knott, J. R., and Ingram, W. R.: Changes in EEG responses to the conditioned stimulus during the formation of a classically conditioned response. (Abstract) *Proceedings of the 5th International Congress of Electroencephalography and Clinical Neurophysiology*, Excerpta Medica, 1961.
- McAdam, D. W., Knott, J. R., and Ingram, W. R.: Changes in EEG responses evoked by the conditioned stimulus during classical aversive conditioning in the cat. *Electroencephalography and Clinical Neurophysiology*, 14:731-738, 1962.
- McAdam, D. W., Snodgrass, L., and Knott, J. R.: A prewired circuit board for use in chronic electrode implantations. *Electroencephalography and Clinical Neurophysiology*, 13:798-799, 1961.
- McAdam, D. W., Snodgrass, L., Knott, J. R., and Ingram, W. R.: Some preliminary observations of electrical changes in deep brain structures during acquisition of a classical conditioned response. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 13:146, 1961.
- McCrum, W. R.: A study of diencephalic mechanisms in temperature regulation. *Journal of Comparative Neurology*, 98:233-282, 1953.
- Newman, Bertha L.: Behavioral effects of electrical self-stimulation of the septal area and related structures in the rat. *Journal of Comparative and Physiological Psychology*, 54:340-346, 1961.
- Nibbelink, D. W.: Paraventricular nuclei, neurohypophysis, and parturition. *American Journal of Physiology*, 200:1229-1231, 1961.
- Skultety, F. Miles: The behavioral effects of destructive lesions of the periaqueductal gray matter in adult cats. *Journal of Comparative Neurology*, 110:337-365, 1958.
- Summers, T. B., and Kaelber, W. W.: Some observations on behavior and its modification by le-



- sions of the amygdala and related projection system. (Abstract) *Physiologist*, 1:81, 1957.
- SUMMERS, T. B., and KAELBER, W. W.: Amygdalec-  
tomy: Effects in 13 cats and a survey of its present  
status. *American Journal of Physiology*, 203:  
1117-1119, 1962.
- WAY, J. S.: Electrophysiologic study of hippocampal  
connections in the cat. (Abstract) *Anatomical  
Record*, 133:348, 1959.
- WAY, J. S.: An oscillographic study of a conduction  
pathway from the so-called olfactory areas to the  
hippocampal formation in the cat. (Abstract)  
*Anatomical Record*, 139:285, 1961.
- WAY, J. S.: An oscillographic study of afferent con-  
nections to the hippocampus in the cat (*Felis do-  
mesticus*). *Electroencephalography and Clinical  
Neurophysiology*, 14:78-89, 1962.
- MH-677 (R01) ROBINSON, ALICE M.: Therapeutic  
role of the nurse. Boston State Hospital, Boston,  
Mass. (1953- )
- ROBINSON, ALICE M., MELLOW, JUNE, HURTEAU,  
PHYLLIS, and FRIED, MARC A.: Research in psy-  
chiatric nursing. 1. The role of the nurse-thera-  
pist in a large public mental hospital. 2. Nursing  
therapy with individual patients. 3. The psychi-  
atric head nurse. *American Journal of Nursing*,  
55:441-444;572-575;704-707, 1955.
- MH-680 (R01) MURPHY, LOIS B.: Temperament  
in relation to children's coping methods. Men-  
ninger Foundation, Topeka, Kan. (1953-60)
- BERNARDEZ, TERESA: The feminine role: Case re-  
port. *Bulletin of the Menninger Clinic*, 29(4):  
198-204, 1965. (Also acknowledges MH-4093).
- ESCALONA, S. K., and HEIDER, GRACE: Prediction  
and outcome: A study of child development. New  
York, Basic Books, 1959, 318 p. (Also acknowl-  
edges MH-27).
- HEIDER, GRACE M.: Vulnerability in infants. *Bul-  
letin of the Menninger Clinic*, 24(3):104-115,  
1960.
- HEIDER, GRACE M.: What makes a good parent?  
*Children*, 7(6):207-213, 1960.
- HEIDER, GRACE M.: Vulnerabilities, sources of  
strength, and capacity to cope in the "normal"  
child. In: Proceedings of the 14th International  
Congress of Applied Psychology. Copenhagen,  
Munksgaard, 1961, p. 79-94.
- MORIARTY, ALICE: Children's ways of coping with  
the intelligence test. *Bulletin of the Menninger  
Clinic*, 24(3):115-128, 1960.
- MORIARTY, ALICE E.: Coping patterns of preschool  
children in response to intelligence test demands.  
*Genetic Psychology Monographs*, 64:3-127, 1961.
- MURPHY, LOIS B.: Effects of child-rearing patterns  
on mental health. *Children*, 3(6):213-219, 1956.
- MURPHY, LOIS B.: Emotional first aid for the young  
child. *Menninger Quarterly*, 10(1):19-22, 1956.  
Also in: *Childhood Education*, 32:205-207, 1956.
- MURPHY, LOIS B.: Psychoanalysis and child develop-  
ment. Part I. *Bulletin of the Menninger Clinic*,  
21(5):177-259, 1957.
- MURPHY, LOIS B.: Psychoanalysis and child develop-  
ment. Part II. *Bulletin of the Menninger Clinic*,  
21(6):248-259, 1957.
- MURPHY, LOIS B.: Learning how children cope with  
their problems. *Children*, 4(4):132-137, 1957.
- MURPHY, LOIS B.: Cultural sequences, expectancies  
and patterns in relation to childhood stress. Hu-  
man Development Bulletin. 8th Annual Sympo-  
sium, University of Chicago, Chicago, Ill., p. 44-  
71, 1957.
- MURPHY, LOIS B.: A longitudinal study of children's  
coping methods and styles. In: *Proceedings of the  
15th International Congress of Psychology*, Brus-  
sels, 1957, p. 433-436.
- MURPHY, LOIS B.: What is an emotionally disturbed  
child and how does he get that way. In: *The  
emotionally disturbed child*. Fourth Annual North  
Carolina Conference on Handicapped Children.  
Durham, North Carolina, Duke University, 1958,  
p. 11-35.
- MURPHY, LOIS B.: The child's way of coping: A  
longitudinal study of normal children. *Bulletin of  
the Menninger Clinic*, 24(3):97-104, 1960.
- MURPHY, LOIS B.: Pride and its relation to nar-  
cissism, autonomy and identity. *Bulletin of the  
Menninger Clinic*, 24(3):136-144, 1960.
- MURPHY, LOIS B.: Coping devices and defense mech-  
anisms in relation to autonomous ego functions.  
*Bulletin of the Menninger Clinic*, 24(3):144-154,  
1960.
- MURPHY, LOIS B.: Preventive implications of devel-  
opment in the preschool years. In: Caplan, Ger-  
ald, ed. *Prevention of mental disorders in chil-  
dren*. New York, Basic Books, 1960, p. 218-259.
- MURPHY, LOIS B.: The widening world of child-  
hood: Paths toward mastery. New York, Basic  
Books, 1962, 399 p. (Also acknowledges MH-  
27).
- MURPHY, LOIS B.: World implications of early child-  
hood needs. In: *World Organization for Early  
Childhood Education (O.M.E.P.)*. Report of the  
9th World Assembly. London, England, 1962, p.  
19-23.
- MURPHY, LOIS B.: Problems in recognizing emo-  
tional disturbance in children. *Child Welfare*,  
42(10):473-487, 1963.

- MURPHY, LOIS B.: Self-management capacities in children. In: Frazier, Alexander, ed. *New insights and the curriculum*. Yearbook 1963. Washington, D.C., Association for Supervision and Curriculum Development, National Education Association, 1963, p. 107-142.
- MURPHY, L. B.: Adaptational tasks in childhood in our culture. *Bulletin of the Menninger Clinic*, 28:309-322, 1964. (Also acknowledges MH-4093).
- MURPHY, LOIS B.: Some aspects of the first relationship. *International Journal of Psychoanalysis*, 45(1):31-43, 1964.
- MURPHY, LOIS B.: Continuity and change in coping resources of preschool children. *Journal of Nursery Education*, 19(2):78-88, 1964.
- MURPHY, LOIS B., and KRALL, VITA: Free play as a productive tool. In: Rabin, Albert, and Hawthorth, Mary, eds. *Projective techniques with children*. New York, Grune & Stratton, 1960.
- MURPHY, LOIS B., and MURPHY, GARDNER: The child as potential. In: The nation's children. Vol. 2. Development and education. New York, Columbia University Press, 1960, p. 207-224.
- MURPHY, LOIS B., and MURPHY, GARDNER: Herman Rorschach and personality research. In: Rickers-Ovsiankina, Maria, ed. *Rorschach psychology*. New York, Wiley, 1960, p. 341-358.
- TOUSSIENG, POVL W.: The psychiatric examination as part of the coping study. *Bulletin of the Menninger Clinic*, 24(3):128-136, 1960.
- MH-681 (R01) WENDT, GEORGE R., NOWLIS, HELEN H., NOWLIS, VINCENT, and RIESEN, AUSTIN H.: Effects of drugs on social and emotional behavior. Rochester, University of Rochester, N.Y. (1953-58)
- ALEXANDER, S. J., COTZIN, M., and WENDT, G. R.: Chemical influences on behavior: I. The effects of small dose of lysergine on performance. *Journal of Psychology*, 39:389-402, 1955.
- EICHLER, H., FRY, C. L., LAWRENCE, R. A., WENDT, G. R., and YANKAUER, A.: A study of periodic school medical examinations: Education aspects. *American Journal of Public Health*, 51:1532-1540, 1961.
- HAEFNER, D., LANGHAM, P., LANZETTA, J. T., and WENDT, G. R.: The effects of an "anxiety-reducing" medication on group behavior under threat. *Journal of Abnormal and Social Psychology*, 52: 103-108, 1956.
- HOWLIS, VINCENT, & HOWLIS, HELEN H.: The description and analysis of mood. *Annals of the New York Academy of Sciences*, 65:345-355, 1956.
- LATIES, V. G.: Modification of affect, social behavior and performance by sleep deprivation and drugs. *Journal of Psychiatric Research*, 1:12-25, 1961.
- NOWLIS, V.: Methods for the objective study of drug effects on group functioning. In: Uhr, L., and Miller, J. G., eds. *Drugs and behavior*. New York, John Wiley, 1960, p. 563-581.
- WENDT, G. R.: Effects of certain drugs used in self-medication in relation to driving performances and traffic hazards. In: Health, medical and drug factors in highway safety. (Conference proceedings of the 2nd Highway Safety Research Correlation Conference). Washington, D.C., National Association of Science, National Research Council, 1954, p. 2.26-2.31. (Publication 328).
- WENDT, G. R., and CAMERON, JEAN S.: Chemical studies of behavior: V. Procedures in drug experimentation with college students. *Journal of Psychology*, 51:173-211, 1961.
- WENDT, G. R., CAMERON, J. S., and SPECHT, P. G.: Chemical studies of behavior: VI. Placebo and dramamine as methodological controls, and effects on moods, emotions, and motivations. *Journal of Psychology*, 53:257-279, 1962.
- MH-687 (R01) LEVINSON, DANIEL J., and GREENBLATT, MILTON: Social structure and adaptation in mental hospitals. Harvard University, Boston, Mass. (1953-60)
- GREENBLATT, M., and LEVINSON, D. J.: The evaluation of therapeutic change: Sociopsychological aspects. In: Cole, J. O., and Gerard, R. W., eds. *Psychopharmacology: Problems in evaluation*. Washington, D.C., National Academy of Sciences-National Research Council, 1959, p. 478-498. (Also acknowledges MH-9104).
- GREENBLATT, M., LEVINSON, D. J., and SHAPIRO, A.: Placebo effect, social milieu, and the evaluation of psychiatric therapies. *Journal of Chronic Diseases*, 9:327-333, 1959.
- GREENBLATT, MILTON, LEVINSON, DANIEL J., and WILLIAMS, RICHARD H., eds.: The patient and the mental hospital: Contributions of research in the science of social behavior. Glencoe, Ill., Free Press, 1957, 658 p. (Also acknowledges MH-1000 and MH-9091).
- KLERMAN, G., SHARAF, M., HOLZMAN, MATHILDA, and LEVINSON, D. J.: Sociopsychological characteristics of resident psychiatrists and their use of drug therapy. *American Journal of Psychiatry*, 117:111-117, 1960. (Also acknowledges MH-1000).
- LEVINSON, D. J.: Role, personality, and social structure in the organizational setting. *Journal of Abnormal and Social Psychology*, 58:170-180, 1959. (Also acknowledges MH-1000).
- LEVINSON, DANIEL J., and GALLAGHER, EUGENE B.: Patienthood in the mental hospital: An analysis of

- role, personality, and social structure. Boston, Houghton Mifflin, 1964, 265 p. (Also acknowledges MH-1000).
- LEVINSON, D. J., and SHARAF, M.: Achieving a therapeutic ward setting. *Mental Hospitals*, 2:9-11, 1958. (Also acknowledges MH-1000).
- PINE, F., and LEVINSON, D. J.: A sociopsychological conception of patienthood. *International Journal of Social Psychiatry*, 7(2):106-122, 1961. (Also acknowledges MH-1000).
- SHARAF, M. R., and LEVINSON, D. J.: The "quest for omnipotence" in professional development: The case of resident psychiatrists. *Psychiatry*, 27(2):135-149, 1964. (Also acknowledges MH-1000).
- MH-690 (R01) ANDERSON, JOHN E., and HARRIS, DALE B.: The prediction of adjustment in children. University of Minnesota, Minneapolis, Minn. (1953-59)
- ANDERSON, J. E.: The prediction of adjustment over time. In: Iscoe, I., and Stevenson, H. W., eds. *Personality development in children*. Austin, Texas, University of Texas Press, 1960, p. 28-72.
- ANDERSON, J. E., HARRIS, D. B., WERNER, EMMY, and GALLISTEL, ELIZABETH: A survey of children's adjustment over time. A report to the people of Nobles County. Minneapolis, Institute of Child Development and Welfare, University of Minnesota, 1959, 42 p.
- BEILIN, H.: Effect of changes in rural life upon teacher's attitudes toward the school program. *School Review*, 64:181-186, 1956.
- BEILIN, H.: Validation of the Minnesota scale of parental occupations and a modification of the Warner occupational rating scale. *Journal of Applied Psychology*, 41:373-376, 1957.
- BEILIN, H.: The prediction of adjustment over a four-year interval. *Journal of Clinical Psychology*, 13:270-274, 1957.
- BEILIN, H.: Effect of social (occupational) role and age upon the criteria of mental health. *Journal of Social Psychology*, 48:247-256, 1958.
- BEILIN, H., and WERNER, EMMY: Sex role expectations and criteria of social adjustment for young adults. *Journal of Clinical Psychology*, 13:341-343, 1957.
- BEILIN, H., and WERNER, EMMY: Sex differences among teachers in the use of the criteria of adjustment. *Journal of Educational Psychology*, 48:426-436, 1957.
- BEILIN, H., and WERNER, EMMY: Interviewing availability of a follow-up sample of rural youth. *Public Opinion Quarterly*, 21:380-384, 1957.
- tween well and poorly adjusted young adults based upon psychologists' ratings and subjects' self-ratings. *Journal of General Psychology*, 60:45-55, 1959.
- HARRIS, D. B.: A scale for measuring attitudes of social responsibility in children. *Journal of Abnormal and Social Psychology*, 55:322-326, 1957.
- HARRIS, D. B.: Parental judgment of responsibility in children and children's adjustment. *Journal of Genetic Psychology*, 92:161-166, 1958.
- HARRIS, D. B., CLARK, K. E., ROSE, A. M., and VALASEK, F.: The measurement of responsibility in children. *Child Development*, 25:21-28, 1954.
- HARRIS, D. B., CLARK, K. E., ROSE, A. M., and VALASEK, F.: The relationship of children's home duties to an attitude of responsibility. *Child Development*, 25:29-33, 1954.
- HARRIS, D. B., ROSE, A. M., CLARK, K. E., and VALASEK, F.: Personality differences between responsible and less responsible children. *Journal of Genetic Psychology*, 87:103-109, 1955.
- HARRIS, D. B., and TSENG, S. C.: Children's attitudes toward peers and parents as revealed by sentence completions. *Child Development*, 28:401-411, 1957.
- WERNER, EMMY, and GALLISTEL, ELIZABETH: Prediction of outstanding performance, delinquency, and emotional disturbance from childhood evaluations. *Child Development*, 32:255-260, 1961.
- MH-692 (R01) LAMBERTSEN, CHRISTIAN J., and SCHMIDT, CARL F.: Control of human respiration and brain circulation. University of Pennsylvania, Philadelphia, Pa. (1953-63)
- ALEXANDER, S. C., GELFAND, R., and LAMBERTSEN, C. J.: The pK' of carbonic acid in cerebrospinal fluid. *Journal of Biological Chemistry*, 236:592-596, 1961.
- ALEXANDER, S. C., WORKMAN, R. D., and LAMBERTSEN, C. J.: Hyperthermia, lactic acid infusion, and the composition of arterial blood and cerebrospinal fluid. *American Journal of Physiology*, 202:1049, 1962.
- LAMBERTSEN, C. J.: Carbon dioxide and respiration in acid-base homeostasis. *Anesthesiology*, 21:642-651, 1960.
- LAMBERTSEN, C. J.: The philosophy of extremes for the gaseous environment of manned, closed ecological systems. *Aerospace Medicine*, 34:291-299, 1963.
- LAMBERTSEN, C. J.: Factors in the stimulation of respiration by carbon dioxide. In: Cunningham, D. J. C., and Lloyd, B. B., eds. *The regulation of human respiration*. Oxford, England, Black-

- LAMBERTSEN, C. J., HALL, P., WOLLMAN, H., and GOODMAN, M. W.: Quantitative interactions of increased  $PO_2$  and  $PCO_2$  upon respiration in man. *Annals of the New York Academy of Science*, 109:731-742, 1963.
- LAMBERTSEN, C. J., and OWEN, S. G.: Continuous constant-rate sampling modification of nitrous oxide method for cerebral blood flow in man. In: Bruner, H. D., ed. *Methods in medical research*. Vol. 8. Chicago, Year Book, 1960, p. 262-269.
- LAMBERTSEN, C. J., SEMPLE, S. J. G., SMYTH, M. G., and GELFAND, R.:  $H^+$  and  $PCO_2$  as chemical factors in respiratory and cerebral circulatory control. *Journal of Applied Physiology*, 16:473-484, 1961.
- LAMBERTSEN, C. J., and WENDEL, H.: Continuous control of alveolar  $PCO_2$  in man in studies of meperidine-induced respiratory depression. (Abstract) *Federation Proceedings*, 15:450, 1956.
- LAMBERTSEN, C. J., and WENDEL, H.: An alveolar  $PCO_2$  control system: Its use to magnify respiratory depression by meperidine. *Journal of Applied Physiology*, 15:43-48, 1960.
- LAMBERTSEN, C. J., WENDEL, H., and LONGENHAGEN, J. B.: The separate and combined respiratory effects of chlorpromazine and meperidine in normal men controlled at 46 mm. Hg alveolar  $PCO_2$ . *Journal of Pharmacology and Experimental Therapeutics*, 131:381-393, 1961.
- MARSHALL, J. R., and LAMBERTSEN, C. J.: Interactions of increased  $PO_2$  and  $PCO_2$  effects in producing convulsions and death in mice. *Journal of Applied Physiology*, 16:1-7, 1961.
- PIERCE, E. C., LAMBERTSEN, C. J., DEUTSCH, S., CHASE, P. E., LINDE, H. W., DRIPPS, R. D., and PRICE, H. L.: Cerebral circulation and metabolism during thiopental anesthesia and hyperventilation in man. *Journal of Clinical Investigation*, 41:1664-1671, 1962.
- PIERCE, E. C., LAMBERTSEN, C. J., STRONG, M. J., ALEXANDER, S. C., and STEELE, D.: Blood  $PCO_2$  and brain oxygenation at reduced ambient pressure. *Journal of Applied Physiology*, 17:899-908, 1962.
- MH-693 (R01) HOVORKA, EDWARD J.: Effects of ECS on learning and memory. Tulane University, New Orleans, La. (1953-58)
- HOVORKA, E. J.: Depression of bar-pressing rate as related to the pulse duration of interjected unidirectional ECS. (Abstract) *American Psychologist*, 11:442, 1956.
- HOVORKA, E. J.: Depressive effects of ECS as related to the peak intensity of unidirectional square-wave ECS. *Journal of Comparative and Physiological Psychology*, 51:679-681, 1958.
- HOVORKA, E. J.: Depression of bar-press responding as related to stimulus parameters of interjected unidirectional square-wave ECS. *Journal of Comparative and Physiological Psychology*, 51:682-688, 1958.
- HOVORKA, E. J., SCHUMSKY, D. A., and WORK, M. S.: Electroconvulsive thresholds as related to stimulus parameters of unidirectional ECS. *Journal of Comparative and Physiological Psychology*, 53:412-414, 1960.
- MH-694 (R01) THOMAS, GARTH J., and GERARD, RALPH W.: Neural mechanisms of behavior. University of Illinois, Chicago, Ill. (1954-56)
- GERARD, R. W.: Biological roots of psychiatry. *Science*, 122(3162):225-230, 1955.
- KOSMAN, M. E., and GERARD, R. W.: The effect of adrenaline on a conditioned avoidance response. *Journal of Comparative and Physiological Psychology*, 48:506-508, 1955.
- LEVINE, SEYMOUR, and OTIS, LEON S.: The effects of handling before and after weaning on the resistance of albino rats to later deprivation. *Canadian Journal of Psychology*, 12(2):103-108, 1958. (Also acknowledges MH-1051).
- MAHER, BRENDAN A.: Anticipatory and perseverative errors following frontal lesions in the rat. *Journal of Comparative and Physiological Psychology*, 48(2):102-105, 1955.
- OTIS, L. S., CERF, J. A., and THOMAS, G. J.: Conditioned inhibition of respiration and heart rate in the goldfish. *Science*, 126:263-264, 1957.
- OTIS, L. S., and THOMAS, G. J.: Inhalation of carbon dioxide has no effect on conditioned emotional responses in rats. *Journal of Comparative and Physiological Psychology*, 51:205-208, 1958.
- THOMAS, G. J.: Vision. *Annual Review of Psychology*, 6:63-94, 1955.
- THOMAS, G. J., MOORE, R. Y., HARVEY, J. A., and HUNT, H. F.: Relations between the behavioral syndrome produced by lesions in the septal region of the forebrain and maze learning in the rat. *Journal of Comparative and Physiological Psychology*, 52:527-532, 1959. (Also acknowledges MH-1370).
- THOMAS, G. J., and OTIS, L. S.: Effects of rhinencephalic lesions on conditioning avoidance responses in the rat. *Journal of Comparative and Physiological Psychology*, 51:120-134, 1958.
- THOMAS, G. J., and OTIS, L. S.: Effects of rhinencephalic lesions on maze learning in rats. *Journal of Comparative and Physiological Psychology*, 51:161-166, 1958.
- THOMAS, G. J., and STEWART, P. A.: The effect on visual perception of stimulating the brain with polarizing currents. *American Journal of Psychology*, 70:528-540, 1957.

111/12 '112/a/1991

MH-700 (R01) MURRAY, HENRY A.: Auditory apperception and personality. Harvard University, Cambridge, Mass. (1953-59)

MURRAY, H. A.: American Icarus. In: Burton, A., and Harris, R. E., eds. *Clinical studies of personality*. New York, Harper, 1955, p. 615-641.

WESSMAN, A. E., RICKS, D. F., and TYL, MARY McILLVAINE: Characteristics and concomitants of mood fluctuation in college women. *Journal of Abnormal and Social Psychology*, 60:117-126, 1960. (Also acknowledges MH-1287).

MH-701 (R01) ZANDER, ALVIN F.: Effects of group variables on adaptive behavior. University of Michigan, Ann Arbor, Mich. (1953-56)

BURNSTEIN, E., STOTLAND, E., and ZANDER, A.: Similarity to a model and self evaluation. *Journal of Abnormal and Social Psychology*, 62:257-264, 1961.

STOTLAND, EZRA: An expectancy approach to security as a general aspect of motivation. *Journal of General Psychology*, 61:253-268, 1959.

STOTLAND, E.: Determinants of attraction to groups. *Journal of Social Psychology*, 49:71-80, 1959.

STOTLAND, E., THORLEY, S., THOMAS, E. J., COHEN, A. R., and ZANDER, A.: The effects of group expectations and self-esteem upon self-evaluation. *Journal of Abnormal and Social Psychology*, 54:55-63, 1957.

STOTLAND, E., and ZANDER, A.: Effects of public and private failure on self-evaluation. *Journal of Abnormal and Social Psychology*, 56:223-229, 1958.

STOTLAND, E., ZANDER, A., and NATSOULAS, T.: Generalization of interpersonal similarity. *Journal of Abnormal and Social Psychology*, 62:250-256, 1961.

THOMAS, E. J.: Effects of facilitative role interdependence on group functioning. *Human Relations*, 10:347-366, 1957.

ZANDER, A., STOTLAND, E., and WOLFE, D.: Unity of group, identification with group, and self-esteem of members. *Journal of Personality*, 28:463-478, 1960.

MH-702 (R01) SOSKIN, WILLIAM F.: Characteristics of interaction of individuals. University of Chicago, Chicago, Ill. (1953-55)

SOSKIN, WILLIAM F.: Verbal interaction in a young married couple. (Publication No. 3). In: Barker, Roger, & Kaplan, Bert, eds. *Primary records on psychology*. Lawrence, Kansas, University of Kansas, 1963.

*American Journal of Orthopsychiatry*, 32(2):344-345, 1962.

SOSKIN, WILLIAM F., and JOHN, VERA P.: The study of spontaneous talk. In: Barker, Roger, ed. *The stream of behavior*. New York, Appleton-Century-Crofts, 1963, p. 228-281. (Also acknowledges MH-3321).

MH-707 (R01) SEEMAN, JULIUS: Study of the process and outcomes of play therapy. George Peabody College for Teachers, Nashville, Tenn. (1954-56) (Continued from MH-593).

SEEMAN, JULIUS, BARRY, EDYTH, and ELLINWOOD CHARLOTTE: Personality integration as a criterion of therapy outcome. *Psychotherapy: Theory, Research, and Practice*, 1:14-16, 1963. (Also acknowledges MH-593).

SEEMAN, JULIUS, BARRY, EDYTH, and ELLINWOOD CHARLOTTE: Interpersonal assessment of play therapy outcome. *Psychotherapy: Theory, Research, and Practice*, 1:64-66, 1964. (Also acknowledges MH-593).

MH-710 (R01) STRASSMANN, GEORGE S., and ASEKOFF, MYER: Senile degenerations of the brain. Metropolitan State Hospital, Waltham, Mass. (1954-56)

STRASSMANN, GEORGE S.: Über die allgemein-medizinische bedeutung der altersveränderungen des gehirns. *Die Medizinische*, 15:568-570, 1956.

STRASSMAN, GEORGE: Unrecognized intracranial lesions in mentally sick patients over 60. *Geriatrics*, 12:350-352, 1957.

STRASSMANN, G., and ASEKOFF, M.: Incidence of diseases of the gastrointestinal tract among mentally ill patients over 60 years old. (Abstract) *Journal of Gerontology*, 9(4):486-487, 1954.

STRASSMANN, GEORGE, and ASEKOFF, MYER: Senile degenerations of the brain and their relation to psychoses and diseases. *American Practitioner and Digest of Treatment*, 7:1100-1103, 1956.

MH-712 (R01) SARASON, SEYMOUR B., DAVIDSON, KENNETH, and LIGHTHALL, FRED: Measurement of test anxiety in children. Yale University, New Haven, Conn. (1954- )

BARNARD, J. W., ZIMBARDO, P. G., and SARASON, SEYMOUR B.: Anxiety and verbal behavior in children. *Child Development*, 32:379-392, 1961.

DAVIDSON, K. S., and SARASON, SEYMOUR B.: Test anxiety and classroom observations. *Child Development*, 32:199-210, 1961.

DAVIDSON, K. S., SARASON, S., LIGHTHALL, F., WAITE, R. R., and SARNOFF, I.: Differences between mothers' and fathers' ratings of low anxious and high anxious children. *Child Development*

- DORIS, JOHN, SARASON, SEYMOUR B., and BERKOWITZ, LAWRENCE: Test anxiety and performance on projective tests. *Child Development*, 34:751-766, 1963.
- FOX, C., SARASON, S., DAVIDSON, K. S., LIGHTHALL, F. F., and WAITE, R. R.: Human figure drawings of high and low anxious children. *Child Development*, 29(2):287-295, 1958.
- HILL, K. T.: Relation of test anxiety, defensiveness, and intelligence to sociometric status. *Child Development*, 34:767-776, 1963.
- LIGHTHALL, F. F., RUEBUSH, B. K., and SARASON, S.: Change in mental ability as a function of test anxiety and type of mental test. *Journal of Consulting Psychology*, 23(1):34-38, 1959.
- SARASON, S., DAVIDSON, K. S., LIGHTHALL, F. F., and WAITE, R. R.: A test anxiety scale for children. *Child Development*, 29(1):105-113, 1958.
- SARASON, S., DAVIDSON, K. S., LIGHTHALL, F. K., and WAITE, R. R.: Rorschach behavior and performance of high and low anxious children. *Child Development*, 29(2):277-285, 1958.
- SARASON, S., DAVIDSON, K. S., LIGHTHALL, F. F., and WAITE, R. R.: Classroom observations of high and low anxious children. *Child Development*, 29(2):287-295, 1958.
- SARASON, SEYMOUR B., DAVIDSON, KENNETH S., LIGHTHALL, FREDERICK K., WAITE, RICHARD R., and RUEBUSH, BRITTON K.: Anxiety in elementary school children: A report of research. New York, John Wiley, 1960, 351 p.
- SARASON, S. B., LIGHTHALL, F. F., DAVIDSON, K. S., WAITE, R. R., and SARNOFF, I.: The effects of serial position and time interval on two anxiety questionnaires. *Journal of General Psychology*, 63:113-131, 1960.
- SARASON, J., SARNOFF, I., LIGHTHALL, F. F., and DAVIDSON, K. S.: Test anxiety and the "eleven-plus" examinations. *British Journal of Educational Psychology*, 29(Part I):9-16, 1959.
- SARASON, S., SARNOFF, I., LIGHTHALL, F. F., WAITE, R. R., and DAVIDSON, K. S.: A cross-cultural study of anxiety among American and English school children. *Journal of Educational Psychology*, 49(3):129-136, 1958.
- WAITE, R. R., SARASON, S., LIGHTHALL, F. F., and DAVIDSON, K. S.: A study of anxiety and learning in children. *Journal of Abnormal and Social Psychology*, 57(3):267-270, 1958.
- ZIMBARDO, P. G., BARNARD, J. W., and BERKOWITZ, L.: The role of anxiety and defensiveness in children's verbal behavior. *Journal of Personality*, 31:79-96, 1963.
- ZWEIBELSON, I.: Test anxiety and intelligence test performance. *Journal of Consulting Psychology*, 20:479-481, 1956.
- MH-715 (R01) MURPHY, GARDNER, SANTOS, JOHN F., and SOLLEY, CHARLES M.: Studies in perceptual learning. Menninger Foundation, Topeka, Kans. (1954-60)
- AYLON, THEODORO, and SOMMER, ROBERT: Autism, emphasis and figure-ground perception. *Journal of Psychology*, 41:163-176, 1956.
- FISCH, R. I., and McNAMARA, H. J.: Conditioning of attention as a factor in perceptual learning. *Perceptual and Motor Skills*, 17:891-907, 1963. (Also acknowledges MH-3924).
- HOCHBERG, JULIAN, and BROOKS, VIRGINIA: Effects of previously associated annoying stimuli (auditory) on visual recognition thresholds. *Journal of Experimental Psychology*, 55:490-491, 1958.
- McNAMARA, H. J.: Non-veridical perception as a function of rewards and punishment. *Perceptual and Motor Skills*, 9(Monograph Suppl. No. 2): 67-80, 1959.
- McNAMARA, H. J., and FISCH, R. I.: Personal space and laterality in perception. *Perceptual and Motor Skills*, 10:70, 1960.
- McNAMARA, HAROLD J., SOLLEY, CHARLES M., and LONG, JOHN: The effects of punishment (electric shock) on perceptual learning. *Journal of Abnormal and Social Psychology*, 57:91-98, 1958.
- MURPHY, GARDNER, and SOLLEY, CHARLES M.: Learning to perceive as we wish to perceive. *Bulletin of the Menninger Clinic*, 21:225-237, 1957.
- SANTOS, JOHN F., and MURPHY, GARDNER: An odyssey in perceptual learning. *Bulletin of the Menninger Clinic*, 24:6-17, 1960.
- SANTOS, JOHN F., and MURPHY, GARDNER: Perceptual learning and reality testing. *Perceptual and Motor Skills*, 13:130, 1961. (Also acknowledges MH-3924).
- SIMPSON, JAMES E.: The influence of auditory stimulation on aniseikonic perception: I. A preliminary study. *Journal of Psychology*, 41:235-241, 1956.
- SIMPSON, JAMES E.: The influence of auditory stimulation on aniseikonic perception: II and III. Business school women and college women. *Journal of Genetic Psychology*, 94:263-266, 1959.
- SNYDER, FRED W., and SNYDER, CHARLES W.: The effects of monetary reward and punishment on auditory perception. *Journal of Psychology*, 41: 177-184, 1956.
- SOLLEY, CHARLES M., and ENGEL, MARY: Perceptual autism in children: The effects of reward, punishment, and neutral conditions upon perceptual learning. *Journal of Genetic Psychology*, 97:77-91, 1960.

- 9/2. NAL 191
- SOLLEY, CHARLES M., JACKSON, DOUGLAS N., and MESSICK, SAMUEL J.: Guessing behavior and autism. *Journal of Abnormal and Social Psychology*, 54:32-36, 1957.
- SOLLEY, CHARLES M., and LONG, JOHN: Perceptual learning versus response set learning. *Perceptual and Motor Skills*, 8:235-240, 1958.
- SOLLEY, CHARLES M., and LONG, JOHN: When is "uh-huh" reinforcing? *Perceptual and Motor Skills*, 8:277, 1958.
- SOLLEY, CHARLES M., and LONG, JOHN: Affect, fantasy, and figure-ground organization. *Journal of Genetic Psychology*, 62:75-82, 1960.
- SOLLEY, CHARLES M., and MURPHY, GARDNER: Development of the perceptual world. New York, Basic Books, 1961.
- SOLLEY, CHARLES M., and SANTOS, JOHN H.: Perceptual learning with partial verbal reinforcement. *Perceptual and Motor Skills*, 8:183-193, 1958.
- SOLLEY, CHARLES M., and SNYDER, FRED W.: Information processing and problem solving. *Journal of Experimental Psychology*, 55:384-387, 1958.
- SOLLEY, CHARLES M., and SOMMER, ROBERT: Perceptual autism in children. *Journal of General Psychology*, 56:3-11, 1957.
- SOMMER, ROBERT: Perception and monetary reinforcement: II. The effects of rewards and punishments in the visual modality. *Journal of Psychology*, 42:143-148, 1956.
- SOMMER, ROBERT: The effects of rewards and punishments during perceptual organization. *Journal of Personality*, 25(5):550-558, 1957.
- SOMMER, ROBERT, and AYLLON, TEODORO: Perception and monetary reinforcement: I. The effects of rewards in the tactual modality. *Journal of Psychology*, 42:137-141, 1956.
- SPENCE, DONALD P.: Success, failure, and recognition threshold. *Journal of Personality*, 25:712-720, 1957.
- TURNER, EDWARD D., SANTOS, JOHN F., and SOLLEY, CHARLES M.: Search-discrimination time and task difficulty. *Perceptual and Motor Skills*, 15:719-724, 1962.
- WALTERS, RICHARD H.: Conditioning of attention as a source of autistic effects in perception. *Journal of Abnormal and Social Psychology*, 57:197-201, 1958.
- WEINER, MELVIN: Perceptual development in a distorted room: A phenomenological study. *Psychological Monographs*, 70(16):1-38, 1956. (Whole No. 423)
- MH-719 (R01) HARLAN, WILLIAM H.: Social psychological study of aged migrants. Ohio University, Athens, Ohio. (1954-58)
- HARLAN, WILLIAM H.: Community adaptation to the presence of aged persons: St. Petersburg, Fla. *American Journal of Sociology*, 59(4):332-339, 1954.
- MH-722 (R01) SAUL, LEON J.: Emotional forces in essential hypertension. University of Pennsylvania, Philadelphia, Pa. (1954-58).
- HARLOW, H. F., HARLOW, M. K., and HANSEN, E. W.: The maternal affectional system of rhesus monkeys. In: Rheingold, H. L., ed. *Maternal behavior in mammals*. New York, J. Wiley & Sons, 1963, p. 254-281.
- SAUL, L. J.: Discussion. The emotional problems of cerebral vascular diseases. In: Luckey, E. Hugh, ed. *Cerebral vascular diseases*. New York, Grune & Stratton, 1955, p. 112-116 and p. 121-122.
- SAUL, L. J.: Psychogenic factors related to hypertension. In: Hubbard, John. *The early detection and prevention of disease*. New York, McGraw-Hill, 1957, p. 89-101.
- SAUL, L. J.: The psychoanalytic diagnostic interview. *Psychoanalytic Quarterly*, 26:76-90, 1957.
- SAUL, L. J.: Hostility—A bibliography in the psychological sciences with supplementary references from other social sciences. *American Behavioral Scientist (Suppl.)*, 4:3-46, 1961.
- SAUL, L. J., and SHEPPARD, E.: An attempt to quantify emotional forces using manifest dreams. A preliminary study. *Journal of the American Psychoanalytic Association*, 4(3):486-502, 1956.
- SAUL, L. J., and SHEPPARD, E.: An approach to a systematic study of ego function. *Psychoanalytic Quarterly*, 27:237-245, 1958.
- SAUL, L. J., SHEPPARD, EDITH, SELBY, DOROTHY, LHAMON, WILLIAM, SACHS, DAVID, and MASTER, REGINA: The quantification of hostility in dreams with reference to essential hypertension. *Science*, 119(3090):382-383, 1954.
- SAUL, L. J., SNYDER, T. R., JR., and SHEPPARD, E.: A guide to the understanding of manifest dreams and other unconscious material. Report of the panel on "The dream in the practice of psychoanalysis." *Journal of the American Psychoanalytic Association*, 4(1):125-127, 1956.
- SAUL, L. J., SNYDER, T. R., JR., and SHEPPARD, E.: On earliest memories. *Psychoanalytic Quarterly*, 25:228-237, 1956.
- SHEPPARD, E.: Systematic dream studies: Clinical judgment and objective measurements of ego strength. *Comprehensive Psychiatry*, 4(4):263-270, 1963.
- WAISMAN, HARRY A., WANG, HWA L., PALMER, GAIL, and HARLOW, HARRY F.: Phenylketonuria

- in infant monkeys. *Nature*, 188(4756):1124-1125, 1960. (Also acknowledges MH-2730).
- MH-724 (R01) HATHAWAY, STARKE R., and MONACHESI, ELIO D.: Development of social adjustment. University of Minnesota, Minneapolis, Minn. (1954-59)
- HATHAWAY, S. R., and MONACHESI, E. D.: A new approach to identifying and helping delinquent children. In: Minnesota trends. 7th annual public lecture series. Minneapolis, Minn., Social Science Research Center, University of Minnesota, Spring 1954.
- HATHAWAY, S. R., and MONACHESI, E. D.: The Minnesota Multiphasic Personality Inventory in the study of juvenile delinquents. In: Rose, Arnold M., ed. *Mental health and mental disorder*. New York, W. W. Norton, 1955, p. 448-458.
- HATHAWAY, S. R., and MONACHESI, E. D.: The personalities of pre-delinquent boys. *Journal of Criminal Law, Criminology and Police Science*, 48:149-163, 1957.
- HATHAWAY, S. R., MONACHESI, E. D., and ERICKSON, M. L.: Relationship of college attendance to personality characteristics and earlier delinquent behavior. *Sociological Quarterly*, 1:97-106, 1960.
- HATHAWAY, S. R.; MONACHESI, E. D., and YOUNG, L. A.: Rural-urban adolescent personality. *Rural Sociology*, 24:331-346, 1959.
- HATHAWAY, S. R., MONACHESI, E. D., and YOUNG, L. A.: Delinquency rates and personality. *Journal of Criminal Law, Criminology and Police Science*, 50:433-440, 1960.
- MH-726 (R01) STEIN, MORRIS I.: Social interaction in a natural setting. Chicago, University of Chicago, Ill. (1954-54)
- ROSETT, HENRY L., NACKENSON, BURTON L., ROBINS, HERBERT, and SAPIRSTEIN, MILTON R.: Personality and cognitive characteristics of engineering students: Implications for the occupational psychiatrist. *American Journal of Psychiatry*, 122(10):1147-1152, 1966.
- MH-727 (R01) HILGARD, JOSEPHINE R.: Schizophrenia in parents and the age of children. Stanford University, Stanford, Calif. (1954-58)
- HILGARD, JOSEPHINE R., and FISK, FERN: Disruption of adult ego identity as related to childhood loss of a mother through hospitalization for psychosis. *Journal of Nervous and Mental Diseases*, 131:47-57, 1960.
- HILGARD, JOSEPHINE R., and NEWMAN, MARTHA F.: Anniversaries in mental illness. *Psychiatry*, 22:113-121, 1959.
- HILGARD, JOSEPHINE R., and NEWMAN, MARTHA F.: Evidence for functional genesis in mental illness: Schizophrenia, depressive psychoses, and psychoneuroses. *Journal of Nervous and Mental Disease*, 132:3-16, 1961.
- HILGARD, JOSEPHINE R., and NEWMAN, MARTHA F.: Early parental deprivation in schizophrenia and alcoholism. *American Journal of Orthopsychiatry*, 33:409-420, 1963.
- HILGARD, JOSEPHINE R., and NEWMAN, MARTHA F.: Parental loss by death in childhood as an etiological factor among schizophrenic and alcoholic patients compared with a non-patient community sample. *Journal of Nervous and Mental Disease*, 137:14-28, 1963.
- HILGARD, JOSEPHINE R., and NEWMAN, MARTHA F., and FISK, FERN: Strength of adult ego following childhood bereavement. *American Journal of Orthopsychiatry*, 30:788-798, 1960.
- MH-728 (R01) LIDZ, THEODORE: Interpersonal family environment in schizophrenia. Yale University, New Haven, Conn. (1954-65)
- CORNELISON, A.: Casework interviewing as a research technique in a study of families of schizophrenic patients. *Mental Hygiene*, 44:551-559, 1960.
- FLECK, STEPHAN: Family dynamics and origin of schizophrenia. *Psychosomatic Medicine*, 22:333-344, 1960.
- FLECK, STEPHAN: Residential treatment of young schizophrenics. *Connecticut Medicine*, 26:369-376, 1962.
- FLECK, S.: Psychiatric hospitalization as a family experience. *Acta Psychiatrica Scandinavica, Supplement* 169, 39:260-283, 1963.
- FLECK, S.: Psychotherapy of families of hospitalized patients. In: Masserman, J., ed. *Current psychiatric therapies*. New York, Grune & Stratton, 1963, vol. 3, p. 211-218.
- FLECK, STEPHEN, CORNELISON, ALICE R., NORTON, NEA, and LIDZ, THEODORE. II. Interaction between hospital staff and families. *Psychiatry*, 20:343-350, 1957.
- FLECK, STEPHEN, LIDZ, THEODORE, and CORNELISON, ALICE: Comparison of parent-child relationships of male and female schizophrenic patients. *Archives of General Psychiatry*, 8:1-7, 1963.
- FLECK, STEPHEN, LIDZ, THEODORE, CORNELISON, ALICE, SCHAFER, S., and TERRY, DOROTHY: The intrafamilial environment of the schizophrenic patient: Incestuous and homosexual problems. In: Masserman, J., ed. *Individual and familial dynamics*. New York, Grune & Stratton, 1959; p. 142-159.
- LIDZ, T.: Schizophrenia and the family. *Psychiatry*, 21:21-27, 1958.



14/2: N2/a/991  
U.S. Department of Justice

- LIDZ, T.: The relevance of family studies to psychoanalytic theory. *Journal of Nervous and Mental Disease*, 135:105-112, 1962.
- LIDZ, THEODORE: The family and human adaptation: Three lectures. New York, International Universities Press, 1963, 120 p.
- LIDZ, THEODORE, CORNELISON, ALICE R., FLECK, STEPHEN, and TERRY, DOROTHY: The father in the intrafamilial environment of the schizophrenic patient. In: Cohen, Mable Blake, ed. *Advances in psychiatry*. Recent development in interpersonal relations. New York, W. W. Norton, 1959, p. 180-206.
- LIDZ, THEODORE, CORNELISON, ALICE, FLECK, STEPHEN, and TERRY, DOROTHY: The intrafamilial environment of the schizophrenic patient. II. Marital schism and marital skew. *American Journal of Psychiatry*, 114:241-248, 1957.
- LIDZ, THEODORE, CORNELISON, ALICE R., FLECK, STEPHEN, and TERRY, DOROTHY: The intrafamilial environment of the schizophrenic patient. I. The father. *Psychiatry*, 20(4):329-342, 1957. Also in: *Psychie*, 13:267-286, 1959.
- LIDZ, THEODORE, CORNELISON, ALICE, TERRY, DOROTHY, and FLECK, STEPHEN: Intrafamilial environment of the schizophrenic patient. VI. The transmission of irrationality. *Archives of Neurological Psychiatry*, 79:305-316, 1958.
- LIDZ, T., and FLECK, S.: Schizophrenia, human integration and the role of the family. In: Jackson, Don D., ed. *Etiology of schizophrenia*. New York, Basic Books, 1960, p. 323-345.
- LIDZ, THEODORE, FLECK, STEPHEN, ALANEN, YRJO O., and CORNELISON, ALICE: Schizophrenic patients and their siblings. *Psychiatry*, 26(1):1-18, 1963.
- LIDZ, THEODORE, FLECK, STEPHEN, CORNELISON, ALICE R., and TERRY, DOROTHY: The intrafamilial environment of the schizophrenic patient: IV. Parental personalities and family interaction. *American Journal of Orthopsychiatry*, 28(4):764-776, 1958.
- LIDZ, THEODORE, FLECK, STEPHEN, WILD, CYNTHIA, and SCHAFER, SARAH: The thought disorders of parents of schizophrenic patients. In: *Proceedings of the 3rd World Congress of Psychiatry*. Vol. 1. Montreal, University of Toronto Press/McGill University Press, 1961, p. 169-173.
- LIDZ, T., PARKER, B., and CORNELISON, A.: The role of the father in the family environment of the schizophrenic patient. *American Journal of American Psychoanalytic Association*, 10(1):74-90, 1962.
- LIDZ, THEODORE, WILD, CYNTHIA, SCHAFER, SARAH, ROSMAN, BERNICE, and FLECK, STEPHEN: Thought disorders in the parents of schizophrenic patients: A study utilizing the object sorting test. *Psychiatric Research*, 1:193-200, 1963.
- SMITH, D. C., and LIDZ, T.: Interrelated schizophrenic psychoses in fraternal twins. *Archives of General Psychiatry*, 10:423-430, 1964.
- SOHLER, D. T., HOLZBERG, J. D., FLECK, S., CORNELISON, A. R., KAY, E., and LIDZ, T.: The prediction of family interaction from a battery of projective tests. *Journal of Projective Techniques*, 21(2):199-208, 1957.
- WILD, CYNTHIA: Disturbed styles of thinking. *Archives of General Psychiatry*, 13(5):464-470, 1965.
- WILD, CYNTHIA, SINGER, MARGARET, ROSMAN, BERNICE, RICCI, JUDITH, and LIDZ, THEODORE: Measuring disordered styles of thinking. *Archives of General Psychiatry*, 13(5):471-476, 1965.
- MH-729 (R01) ROHRER, JOHN H.: Sociocultural influences on personality development. Tulane University, New Orleans, La. (1954-57)
- LIEF, HAROLD I., and THOMPSON, WILLIAM C.: The prediction of behavior from adolescence to adulthood. *Psychiatry*, 24:32-38, 1961.
- ROHRER, J. H., EDMONSON, M. S., LIEF, HAROLD, THOMPSON, DANIEL, and THOMPSON, WILLIAM: The eighth generation. Cultures and personalities of New Orleans negroes. New York, Harper Brothers, 1960, 346 p.
- MH-730 (R01) MASSERMAN, JULES H., and PRUITTEL, CURTIS, and SCHREINER, L.: Role of amygdala and temporal lobes in behavior. Northwestern University, Chicago, Ill. (1954-57)
- MASSERMAN, JULES H.: Evolution vs. revolution in psychotherapy: A biodynamic integration. *Behavioral Sciences*, 2:89-100, 1957.
- MASSERMAN, JULES H.: Experimental psychopharmacology and behavioral reality. In: Hoch, Paul H., and Zubin, Joseph, eds. *Problems of addiction and habituation*. New York, Grune & Stratton, 1958, p. 110-148.
- MASSERMAN, J. H.: Behavioral pharmacology in animals. In: Bradley, P. B., ed. *Neuropsychopharmacology*. Vol. I. Amsterdam, Elsevier, 1959.
- MASSERMAN, JULES H., LEVITT, MULVIN, McAVOY,

- American Journal of Psychiatry*, 112:865-872, 1956.
- MASSERMAN, JULES H., and PECHTEL, C.: Neurophysiologic and pharmacologic influences on experimental neuroses. *American Journal of Psychiatry*, 113:510-514, 1956.
- MASSERMAN, JULES H., and PECHTEL, CURTIS: Normal and neurotic olfactory behavior in monkeys. A motion picture. *Journal of Nervous and Mental Disease*, 124(5):518-519, 1956.
- PECHTEL, CURTIS, McAVOY, THOMAS, LEVITT, MELVIN, KLING, ARTHUR, and MASSERMAN, JULES H.: The cingulates and behavior. *Journal of Nervous and Mental Disease*, 126:148-152, 1958.
- PECHTEL, CURTIS, and MASSERMAN, JULES H.: Cerebral localization: Not where but in whom? *American Journal of Psychiatry*, 116:51-54, 1959.
- PECHTEL, CURTIS, MASSERMAN, JULES H., and AARONS, LOUIS: Differential responses in young versus old animals to training, conflict, drugs, and brains lesions. *American Journal of Psychiatry*, 116(11):1018-1020, 1960.
- PECHTEL, C., MASSERMAN, JULES H., and AARONS, L.: Food acceptance in monkeys. In: Wortis, J., ed. *Recent advances in biological psychiatry*. Vol. 3. New York, Grune & Stratton, 1961, p. 228-235. (Also acknowledges MH-2312).
- MH-733 (R01) KURLAND, ALBERT A.: Study of psychotic murderers. Spring Grove State Hospital, Catonsville, Md. (1954- )
- KURLAND, ALBERT A., MORGENSTERN, JACOB, and SHEETS, CAROLYN: A comparative study of wife murderers admitted to a state psychiatric hospital. *Journal of Social Therapy*, 1:7-15, 1955.
- MH-734 (R01) LAZARUS, RICHARD S., and BAKER, ROBERT W.: Motivation and personality under stress. Clark University, Worcester, Mass. (1954-57) (Continued as MH-2136).
- BROVERMAN, D. M., and LAZARUS, R. S.: Individual differences in task performance under conditions of cognitive interference. *Journal of Personality*, 26:94-105, 1958.
- LAZARUS, R. S.: A program of research in psychological stress. In: Peatman, J. S., and Hartley, E., eds. *Festschrift for Gardner Murphy*. New York, Harper, 1960. (Also acknowledges MH-2136).
- LAZARUS, R. S.: A substitutive-defensive conception of apperceptive fantasy. In: Kazan, J., and Lessor G., eds. *Contemporary issues in thematic apperceptive methods*. Springfield, Ill., C. C. Thomas, 1961, p. 51-82. (Also acknowledges MH-2136).
- LAZARUS, R. S.: The laboratory approach to the dynamics of psychological stress. *Administrative Science Quarterly*, 8(2):192-213, 1963. Also in: *American Psychologist*, 19(6):400-411, 1964. (Also acknowledges MH-2136).
- LAZARUS, R. S., and BAKER, R. W.: Psychology. *Progress in Neurology and Psychiatry*, 11:253-271, 1956. (Also acknowledges MH-2136).
- LAZARUS, R. S., and BAKER, R. W.: Personality and psychological stress: A theoretical and methodological framework. *Psychological Newsletter*, 8:21-32, 1956.
- LAZARUS, R. S., and BAKER, R. W.: Motivation and personality in psychological stress. *Psychological Newsletter*, 8:159-193, 1957.
- LAZARUS, R. S., and RIESS, W. F.: Clinical psychology and the research problems of stress and adaptation. In: Riess, W. F., and Brower, D., eds. *Progress in clinical psychology*. Vol. 4. New York, Grune & Stratton, 1960, p. 32-45. (Also acknowledges MH-2136).
- LAZARUS, R. S., and SPEISMAN, J. C.: A research case-history dealing with psychological stress. *Journal of Psychological Studies*, 11:167-194, 1960. (Also acknowledges MS-2136).
- LAZARUS, R. S., SPEISMAN, J. C., and MORDKOFF, A. M.: The relationship between autonomic indicators of psychological stress: Heart rate and skin conductance. *Psychosomatic Medicine*, 25:19-30, 1963. (Also acknowledges MH-2136).
- LAZARUS, R. S., SPEISMAN, J. C., MORDKOFF, A. M., and DAVISON, L. A.: A laboratory study of psychological stress produced by a motion picture film. *Psychological Monographs*, 76(34):1-35, 1962. (Whole No. 553). (Also acknowledges MH-2136).
- MORDKOFF, ARNOLD M.: The relationship between psychological and physiological response to stress. *Psychosomatic Medicine*, 26:135-150, 1964. (Also acknowledges MH-2136).
- PODELL, HARRIETT A.: Note on successive dimensional analysis applied to affective, cognitive, and personality traits. *Psychological Reports*, 13:813-814, 1963. (Also acknowledges MH-2136).
- SPEISMAN, JOSEPH C., LAZARUS, RICHARD S., DAVISON, L. A., and MORDKOFF, ARNOLD M.: Experimental analysis of a film used as a threatening stimulus. *Journal of Consulting Psychology*, 28:23-33, 1964. (Also acknowledges MH-2136).
- SPEISMAN, JOSEPH C., OSBORN, JANET, and LAZARUS, R. S.: Cluster analysis of skin resistance and heart rate at rest and under stress. *Psychosomatic Medicine*, 23:323-342, 1961. (Also acknowledges MH-2136).
- VOGEL, W., BAKER, R. S., and LAZARUS, R. S.: The role of motivation in psychological stress. *Journal*

- of *Abnormal and Social Psychology*, 56:105-112, 1958.
- VOGEL, W., RAYMOND, SUSAN, and LAZARUS, R. S.: Intrinsic motivation and psychological stress. *Journal of Abnormal and Social Psychology*, 58:225-233, 1959.
- MH-735 (R01) SASLOW, GEORGE: Human interaction in the interview situation. Washington University, St. Louis, Mo. (1954-55)
- MATARAZZO, J. D.: Prescribed behavior therapy: Suggestions from interview research. In: Bachrach, A. J., ed. *Experimental foundations of clinical psychology*. New York, Basic Books, 1962, p. 471-509. (Also acknowledges MH-1107 and MH-1938).
- PHILLIPS, JEANNE S., MATARAZZO, RUTH G., MATARAZZO, JOSEPH D., and SASLOW, GEORGE: Relationships between descriptive content and interaction behavior in interviews. *Journal of Consulting Psychology*, 25:260-266, 1961.
- SASLOW, GEORGE, MATARAZZO, JOSEPH D., and GUZE, SAMUEL B.: The stability of interaction chronograph patterns in psychiatric interviews. *Journal of Consulting Psychology*, 19:417-430, 1955.
- MH-739 (R01) SHAPIRO, ALVIN P.: Effect of experimental neurosis on gastric activity. University of Texas, Dallas, Texas. (1954-55)
- BELKIN, GERALD A., and SHAPIRO, ALVIN P.: Behavioral disturbances in animals: II. Effects on blood pressure, pepsinogen and adrenal weight in rats. *Texas Reports on Biology and Medicine*, 14(4):415-423, 1956.
- SHAPIRO, ALVIN P.: The influence of emotional variables in the evaluation of hypotensive agents. *Psychosomatic Medicine*, 17(4):291-305, 1955.
- SHAPIRO, ALVIN P.: A consideration of the multiple variables involved in the evaluation of hypotensive agents. *Journal of the American Medical Association*, 160(1):30-39, 1956.
- SHAPIRO, ALVIN P., BELKIN G., and MELIADO, J.: Effect of behavioral disturbances on blood pressure and related functions in the rat. (Abstract) *Clinical Research Procedures*, 4:30, 1956.
- SHAPIRO, ALVIN P., and HORN, P.: Effect of behavioral disturbances on blood pressure of cats. (Abstract) *Clinical Research Procedures*, 3:117, 1955.
- SHAPIRO, ALVIN P., and HORN, P.: Blood pressure, pepsinogen, and behavior in cats subjected to experimental production of anxiety. *Journal of Nervous and Mental Diseases*, 122:222-231, 1955.
- SHAPIRO, ALVIN P., MELIADO, JULIAN, FOX, ADACIE, and LAMM, JAMES: Effect of adrenal stimulation on blood pepsinogen in animals and man. *Proceedings of the Society for Experimental Biology and Medicine*, 93(2):334-338, 1956.
- MH-743 (R01) HORST, PAUL: Mathematical analysis of patterns of personal data. University of Washington, Seattle, Wash. (1954- )
- BLOXOM, BRUCE MCARTHUR: Anger-arousing instructions and the simplex in a personality questionnaire. Seattle, Washington, University of Washington, 1966. 100 p. (Processed)
- BURKET, GEORGE: A study of reduced rank models for multiple prediction. *Psychometric Monographs*, 12:1-66, 1964.
- HORST, P.: The estimation of immediate retest reliability. *Educational and Psychological Measurement*, 14:705-708, 1954.
- HORST, P.: The maximum expected correlation between two multiple-choice tests. *Psychometrika*, 19:291-296, 1954.
- HORST, P.: The differential prediction of success in various college course areas. *College and University*, 31:456-471, 1956.
- HORST, P.: Simplified computations for the multiple group method of factor analysis. *Educational and Psychological Measurement*, 16:101-109, 1956.
- HORST, P.: Multiple classification by the method of least squares. *Journal of Clinical Psychology*, 12:3-16, 1956.
- HORST, P.: Least square multiple classification for unequal subgroups. *Journal of Clinical Psychology*, 12:309-315, 1956.
- HORST, P.: A simple method for rotating a centroid factor matrix to a simple structure hypothesis. *Journal of Experimental Education*, 24:251-258, 1956.
- HORST, P.: Educational and vocational counseling from the actuarial point of view. *Personnel Guidance Journal*, 35:164-170, 1956.
- HORST, P.: Optimal test length for maximum differential prediction. *Psychometrika*, 21:51-66, 1956.
- HORST, P.: The prediction of academic achievement in college. *University of Washington College of Education Record*, 22:33-48, 1956.
- HORST, P.: Differential prediction in college admissions. *College Board Review*, 33:19-23, 1957.
- HORST, P.: The uniqueness of configural test iter scores. *Journal of Clinical Psychology*, 13:107-114, 1957.
- HORST, P.: How much information on test results should be given to students—views of a research psychologist. *Journal of Counseling Psychology*, 6:218-222, 1959.
- HORST, P.: Mathematics in psychological research. *Psychological Reports*, 6:165-166, 1960.

- HORST, P.: Optimal estimates of multiple criteria with restrictions on the covariance matrix of estimated criteria. *Psychological Reports*, 6(Monograph Suppl. 6):427-444, 1960.
- HORST, P.: Relations among  $m$  sets of measures. *Psychometrika*, 26(2):129-149, 1961.
- HORST, PAUL: The logic of personnel selection and classification. In: Gagne, Robert M., ed. *Psychological principles in system development*. New York, Holt, Rinehart & Winston, 1962, p. 231-271.
- HORST, P.: Matrix reduction and approximation to principal axes. *Psychometrika*, 27:169-179, 1962.
- HORST, P.: Matrix algebra for social scientists. New York, Holt, Rinehart & Winston, 1963. 517 p.
- HORST, PAUL: The statewide testing program. *Personnel and Guidance Journal*, 41(5):394-403, 1963.
- HORST, P.: Multivariate models for evaluating change. In: Harris, Chester W., ed. *Problems in measuring change*. Madison, Wisc., University of Wisconsin Press, 1963, p. 104-122.
- HORST, P., and BURKET, G.: Generalized canonical correlations and their application to experimental data. *Journal of Clinical Psychology*, 14(Monograph Suppl. 14):331-347, 1961.
- HORST, PAUL, DVORAK, AUGUST, and WRIGHT, CALVIN: Computer applications to psychological problems. *Educational and Psychological Measurement*, 21:699-719, 1961.
- HORST, P., and MACÉWAN, CHARLOTTE. Optimal test length for maximum absolute prediction. *Psychometrika*, 21:111-124, 1956.
- HORST, P., and MACÉWAN, CHARLOTTE: Optimal test length for multiple prediction—the general case. *Psychometrika*, 22:311-324, 1957.
- HORST, P., and MACÉWAN, CHARLOTTE: Predictor elimination techniques for determining multiple prediction batteries. *Psychological Reports*, 7(Monograph Suppl. 1):19-50, 1960.
- HORST, P., and SCHAIER, K. W.: The multiple group method of factor analysis and rotation to a simple structure hypothesis. *Journal of Experimental Education*, 24:231-237, 1956.
- HORST, P., and WRIGHT, C. E.: The comparative reliability of two techniques of personality appraisal. *Journal of Clinical Psychology*, 15:388-391, 1959.
- STROTHER, C. R., SCHAIER, K. W., and HORST, P.: The relationship between advanced age and mental abilities. *Journal of Abnormal and Social Psychology*, 55:166-170, 1957.
- MH-00744 (R01) TAYLOR, HOWARD C., JR., GIDRO-FRANK, LOTHAR: Emotional aspects of pelvic pain. Columbia University, New York, N.Y. (1954-55)
- TAYLOR, HOWARD C., JR.: The clinical management of functional pelvic pain. *Journal of the National Medical Association*, 49:368-371, 1957.
- TAYLOR, HOWARD C., JR.: The problem of pelvic pain. In: Meigs, Joe V., & Sturgis, Somers H., eds. *Progress in gynecology*, Vol. 3. New York, Grune & Stratton, 1957, p. 191-208.
- TAYLOR, HOWARD C., JR.: The problem of pelvic pain in gynecology. *Review of Gynecology and Obstetrics*, 100:103-116, 1957.
- TAYLOR, HOWARD C., JR.: The pelvic pain syndrome. *Journal of Obstetrics and Gynecology of the British Empire*, 66:781-783, 1959.
- TAYLOR, HOWARD C., JR.: The pelvic pain syndrome in women. *Connecticut Medicine*, 24:147-153, 1960.
- TAYLOR, HOWARD C., JR.: The syndrome of pelvic pain in women. *Australian and New Zealand University of Obstetrics and Gynecology*, 1:5-16, 1961.
- TAYLOR, HOWARD C., JR., FLICK, F. H., and SHETTLES, L. B.: Clearance of radioactive sodium from the cervix in women with normal menstrual cycles, primary dysmenorrhea, and non-organic pelvic pain and in post menopausal individuals. *American Journal of Obstetrics and Gynecology*, 71:1176-1181, 1956.
- TAYLOR, HOWARD C., JR., GIDRO-FRANK, L., and GORDON, T.: Pelvic pain and female identity. *American Journal of Obstetrics & Gynecology*, 79:1184-1202, 1960.
- MH-747 (R01) STELLAR, ELIOT: Experimental study of animal behavior. Johns Hopkins University, Baltimore, Md. (1954-54) (Continued as MH-941).
- KAHN, M., and STELLAR, E.: Alcohol preference in normal and anosmic rats. *Journal of Comparative and Physiological Psychology*, 53:571-575, 1960. (Also acknowledges MH-941).
- SPRAGUE, J. M., CHAMBERS, W. W., and STELLAR, E.: Regional physiology of the central nervous system. *Progress in Neurology and Psychiatry*, 10:57-92, 1955. (Also acknowledges MH-941).
- STELLAR, E.: Physiological psychology. *American Review of Psychology*, 8:415-436, 1957. (Also acknowledges MH-941).
- STELLAR, E.: Drive and motivation. In: Magoun, H. W., ed. *Handbook of physiology*. American Physiological Society, 1960, p. 1501-1527. (Also acknowledges MH-941).
- STELLAR, E.: The marmoset as a laboratory animal: Maintenance, general observations of behavior,

- and simple learning. *Journal of Comparative and Physiological Psychology*, 53:1-10, 1960. (Also acknowledges MH-941).
- MH-750 (R01) ENGEL, GEORGE L., REICHSMAN, FRANZ: Gastric function and psychological processes. University of Rochester, Rochester, N.Y. (1954- )
- ADER, R.: Susceptibility to gastric lesions in the rat. *Journal of Neuropsychiatry*, 4:399-408, 1963. (Also acknowledges MH-3655).
- ADER, R., BEELS, C. C., and TATUM, R. Social factors affecting emotionality and resistance to disease in animals: II. Susceptibility to gastric ulceration as a function of interruptions in social interactions and the time at which they occur. *Journal of Comparative and Physiological Psychology*, 53:455-458, 1960.
- ADER, R., TATUM, R., and BEELS, C. C.: Social factors affecting emotionality and resistance to disease in animals: I. Age of separation from the mother and susceptibility to gastric ulcers in the rat. *Journal of Comparative and Physiological Psychology*, 53:446-454, 1960.
- COHEN, J., COLWILL, J., DAVIS, N., KESSLER, W., SHEPARDSON, R., REICHSMAN, F., and ENGEL, G. L.: Effect of histamine on nocturnal gastric secretion during sleeping and waking states. (Abstract) *Journal of Clinical Investigation*, 37:884, 1958.
- ENGEL, G. L.: A unified concept of health and disease. *Perspectives in Biology and Medicine*, 3:459-485, 1960.
- ENGEL, G. L.: Anxiety and depression withdrawal: The primary affects of unpleasure. *International Journal of Psychoanalysis*, 43:89-97, 1962.
- ENGEL, G. L.: Psychological development in health and disease. Philadelphia, W. B. Saunders, 1962, 435 p.
- ENGEL, GEORGE L.: Guilt, pain, and success. Success facilitated by the pain of glomus tumor and peptic ulcer. *Psychosomatic Medicine*, 24:37-48, 1962.
- ENGEL, G. L.: The nature of disease and the care of the patient: The challenge of humanism and science in medicine. (The 14th Annual Gerber Oration) *Rhode Island Medical Journal*, 45:245-251, 1962.
- ENGEL, G. L., and REICHSMAN, F.: Affects, object relations, and gastric secretion. (Panel, American Psychoanalytic Association, May, 1955). *Journal of the American Psychoanalytic Association*, 4:138-148, 1956.
- problem of depression. *Journal of the American Psychoanalytic Association*, 4:428-452, 1956.
- ENGEL, G. L., and REICHSMAN, F.: On identification. (Letter) *International Journal of Psychoanalysis*, 40:60-61, 1959.
- ENGEL, G. L., REICHSMAN, F., and SEGAL, H.: A study of an infant with a gastric fistula. *Psychosomatic Medicine*, 18(5):374-398, 1956. Also in: Reed, Charles F., Alexander, Irving E., and Tomkins, Silvan E., eds. *Psychopathology*. A source book. Cambridge, Harvard University Press, 1958, p. 93-126.
- IRONSIDE, W., and KEHOE, M.: Studies in the experimental induction of depression using hypnosis: The depressive responses with fantasies of being killed, suicide, and sleep. In: *Proceedings of the 3rd World Congress of Psychiatry*. Montreal, University of Toronto Press/McGill University Press, 1961, p. 1377-1380.
- KEHOE, M., and IRONSIDE, W.: Studies on the experimental evocation of depressive responses using hypnosis. II. The influence of depressive responses upon the secretion of gastric acid. *Psychosomatic Medicine*, 23:403-419, 1963.
- KEHOE, M., and IRONSIDE, W.: Studies on the experimental evocation of depressive responses using hypnosis. III. The secretory rate of total gastric acid with respect to various spontaneous experiences such as nausea, disgust, crying and dyspnea. *Psychosomatic Medicine*, 26:224-249, 1964.
- REICHSMAN, F.: Methodologic problems in psychophysiological research on human gastric secretion. In: Ross Laboratories. *Psychosomatic aspects of gastrointestinal illness in childhood*. Ross Conference on Pediatric Research 44th report, 1962. Conference held at Philadelphia, 26-27 Sept. 1962. Columbus, Ohio. Ross Laboratories, 1963, p. 29-36. (Also acknowledges MH-1205).
- REICHSMAN, F., COHEN, J., COLWILL, J., DAVIS, NANCY, KESSLER, W., SHEPARDSON, C. R., and ENGEL, G. L.: Natural and histamine-induced gastric secretion during waking and sleeping states. *Psychosomatic Medicine*, 22:14-23, 1960.
- REICHSMAN, F., ENGEL, G. L., HARWAY, V., ESCALONA, S.: Monica, an infant with gastric fistula and depression: An interim report on her development to the age four years. *Psychiatric Research Reports*, 8:12-27, 1957.
- REICHSMAN, F., ENGEL, G. L., and SEGAL, H. L.: Modification of the gastric secretory response to histamine during varying behavioral states: Observations on an infant with a gastric fistula. (Abstract) *Journal of Clinical Investigation*, 34:95-105, 1955.

- infant with a gastric fistula. (Abstract) *Psychosomatic Medicine*, 17:481, 1955.
- MH-752 (R01) ULETT, GEORGE A., ROBINS, ELI: Psychophysiological studies of schizophrenia. Washington University, St. Louis, Mo. (1954-56)
- ULETT, GEORGE A., BROCKMAN, JIMMIE C., GLEISER, GOLDINE, and JOHNSON, A.: Determination of convulsive threshold by photo-pharmacologic stimulation: A study of technique and reliability. *Electroencephalography and Clinical Neurophysiology*, 7:597-607, 1955.
- MH-762 (R01) MEIER, GILBERT W.: Effects of prenatal anoxemia on behavior. Vanderbilt University, Nashville, Tenn. (1954-59)
- MEIER, GILBERT W.: Prenatal anoxia in relation to behavioral phenomena in other animals. In: Windle, William F., ed. *Neurological and psychological deficits in asphyxia neonatorum*. Springfield, Ill., Thomas, 1958, p. 55-66.
- MEIER, G. W., BUNCH, M. E., NOLAN, C. Y., and SCHEIDT, C. H.: Anoxia, behavioral development, and learning ability: A comparative-experimental approach. *Psychological Monographs*, 74:1-48, 1960. (Whole No. 488). (Also acknowledges MH-362).
- MEIER, G. W., and MCGEE, R. K.: A re-evaluation of the effect of early perceptual experience on discrimination performance during adulthood. *Journal of Comparative and Physiological Psychology*, 52:390-395, 1959.
- MEIER, G. W., and MENZEL, E. W., JR.: Prenatal oxygen deprivation and subsequent specific behavior dysfunctions. *Science*, 122:419-420, 1955.
- MEIER, G. W., and MENZEL, E. W., JR.: Prediction of behavior in a free and in a patterned situation. *Psychological Reports*, 3:537-545, 1957.
- MEIER, G. W., and PEELER, D. F., JR.: Development of behavioral and electroencephalographic patterns in the kitten. *Psychological Reports*, 6:307-314, 1960.
- MH-766 (R01) SHEER, DANIEL E., KROEGER, DONALD C.: Neurophysiology of emotional facilitation. University of Houston, Houston, Texas. (1954-58)
- SHEER, D. E.: Brain and behavior: The background of inter-disciplinary research. In: Sheer, D. E., ed. *Electrical stimulation of the brain*. Austin, Texas, University of Texas, 1960, p. 1-21.
- SHEER, D. E., ed.: *Electrical stimulation of the brain: Subcortical integrative systems*. Austin, University of Texas, 1961, 641 p.
- SHEER, D. E.: Emotional facilitation in learning situations with subcortical stimulation. In: Sheer, D. E., ed. *Electrical stimulation of the brain*. Austin, University of Texas, 1961, p. 431-464.
- SHEER, D. E., and KROEGER, D. C.: Chronic brain stimulation in monkeys. I: Techniques for multi-lead electrode implantation and recording of autonomic and EEG measures. 1955. 30 min., sound, color film, University of Houston, Houston, Texas.
- SHEER, D. E., and KROEGER, D. C.: Chronic brain stimulation in monkeys. II: Experimental results. 1956. 30 min., sound, color film, University of Houston, Houston, Texas.
- SHEER, D. E., and KROEGER, D. C.: Recording autonomic measures as an index of stimulation effects. In: Sheer, D. E., ed. *Electrical stimulation of the brain*. Austin, University of Texas, 1961, p. 116-144.
- MH-767 (R01) ADAMS, RAYMOND D., LUDWIG, ALFRED O.: Psychiatric-neurological diseases and alcoholism. Massachusetts General Hospital, Boston, Mass. (1954-59)
- ADAMS, R. D., VICTOR, M., and MANCINI, E. L.: Central pontine myelinolysis. *A. M. A. Archives of Neurology and Psychiatry*, 81:154-172, 1959.
- ALTSCHULE, M. D., VICTOR, M., and HOLLIDAY, PHYLLIS D.: Carbohydrate metabolism in brain disease. IX. Carbohydrate metabolism in the chronic alcoholic psychoses. *Archives of Internal Medicine*, 99:28-39, 1957.
- TALLAND, G. A.: Psychological studies of Korsakoff's psychosis: II. Perceptual functions. *Journal of Nervous and Mental Disease*, 127:197-219, 1958.
- TALLAND, G. A.: Perception of apparent movement in Korsakoff's psychosis. *Journal of Personality*, 26:337-348, 1958.
- TALLAND, G. A.: Psychological studies of Korsakoff's psychosis: III. Concept formation. *Journal of Nervous and Mental Disease*, 128:214-226, 1959.
- TALLAND, G. A.: Psychological studies of Korsakoff's psychosis: V. Spontaneity and activity rate. *Journal of Nervous and Mental Disease*, 130:16-25, 1960.
- TALLAND, G. A.: Psychological studies of Korsakoff's psychosis: VI. Memory and learning. *Journal of Nervous and Mental Disease*, 130:336-385, 1960.
- TALLAND, G. A., and EKDAHL, MARILYN: Psychological studies of Korsakoff's psychosis: IV. The rate and mode of forgetting narrative material. *Journal of Nervous and Mental Disease*, 129:391-403, 1959.
- TALLAND, G. A., and MILLER, ALICEMARIE: Perceptual sets in Korsakoff's psychosis. *Journal of Abnormal and Social Psychology*, 58:234-240, 1959.

- VICTOR, M.: Nutritional disorders of the nervous system. *Manitoba Medical Review*, 37:363-369 & 442-452, 1957.
- VICTOR, M.: The medical aspects of acute and chronic alcoholism. *Manitoba Medical Review*, 37:599-608, 1957.
- VICTOR, M.: Alcohol and nutritional diseases of the nervous system. *Journal of the American Medical Association*, 167:65-71, 1958.
- VICTOR, M., and ADAMS, R. D.: The neuropathology of experimental vitamin B<sub>6</sub> deficiency in monkeys. *American Journal of Clinical Nutrition*, 4:346-353, 1956.
- VICTOR, M., ADAMS, R. D., and MANCALL, E. L.: A restricted form of cerebellar cortical degeneration occurring in alcoholic patients. *A. M. A. Archives of Neurology*, 1:579-688, 1959.
- VICTOR, M., ALTSCHULE, M. D., HOLLIDAY, PHYLLIS D., GONCZ, ROSE-MARIE, and COUNTY, ANN: Carbohydrate metabolism in brain disease. VIII. Carbohydrate metabolism in Wernicke's encephalopathy associated with alcoholism. *A. M. A. Archives of Internal Medicine*, 99:28-39, 1957.
- VICTOR, M., BANKER, BETTY Q., and ADAMS, R. D.: The neuropathy of multiple myeloma. *Journal of Neurology, Neurosurgery, and Psychiatry*, 21:73-88, 1958.
- VICTOR, M., HERMAN, K., and WHITE, ELISABETH: A psychological study of the Wernicke-Korsakoff syndrome. *Quarterly Journal of Studies on Alcohol*, 20:467-479, 1959.
- VICTOR, M., and HOPE, J. M.: The phenomenon of auditory hallucinations in chronic alcoholism. *Journal of Nervous and Mental Disease*, 126:451-481, 1958.
- VICTOR, M., and LEAR, A.: Subacute combined degeneration of the spinal cord. *American Journal of Medicine*, 20:896-911, 1956.
- VICTOR, M., MANCALL, E. L., and DREYFUS, P. M.: Deficiency amblyopia in the alcoholic patient. *Archives of Ophthalmology*, 64:1-33, 1960.
- VICTOR, M., TALLAND, G. A., and ADAMS, R. D.: Psychological studies of Korsakoff's psychosis: I. General intellectual functions. *Journal of Nervous and Mental Disease*, 128:528-537, 1959.
- VICTOR, M., and YAKOVLEV, P. I.: S. S. Korsakoff's psychic disorder in conjunction with peripheral neuritis. *Neurology*, 5:394-406, 1955.
- MH-771 (R01) MUENZINGER, KARL F.: Role of noxious stimuli in discrimination learning. University of Colorado, Boulder, Colo. (1954-58)
- MUENZINGER, K. F., and BAXTER, L. F.: The effects of training to approach vs. to escape from electric shock upon subsequent discrimination learning. *Journal of Comparative and Physiological Psychology*, 50:252-257, 1957.
- MUENZINGER, K. F., and EVANS, W. O.: Black performance or artifact? *Psychological Reports*, 3:493-495, 1957.
- MH-772 (R01) HARLOW, HARRY F.: Normal and abnormal social behavior of primates. University of Wisconsin, Madison, Wisc. (1954-60) (Continued as MH-4528).
- AKERT, K., ORTH, O. S., HARLOW, H. F., and SCHLITZ, K. A.: Learned behavior of rhesus monkeys following neonatal bilateral prefrontal lobotomy. *Science*, 132:1944-1945, 1960.
- BENJAMIN, L. S.: The effect of bottle and cup feeding on the nonnutritive sucking of the infant rhesus monkey. *Journal of Comparative and Physiological Psychology*, 54:230-237, 1961.
- BENJAMIN, L. S.: The effect of frustration on the nonnutritive sucking of the infant rhesus monkey. *Journal of Comparative and Physiological Psychology*, 54(6):700-703, 1961.
- BENJAMIN, L. S.: Nonnutritive sucking and dental malocclusion in the deciduous and permanent teeth of the rhesus monkey. *Child Development*, 33:29-35, 1962.
- BENJAMIN, L. S., and MASON, W. A.: Effect of hunger on nonnutritive sucking in infant rhesus monkeys. *Journal of Abnormal and Social Psychology*, 66:526-531, 1963.
- BERNSTEIN, S., and MASON, W. A.: The effects of age and stimulus conditions on the emotional responses of rhesus monkeys: Responses to complex stimuli. *Journal of Genetic Psychology*, 101:279-298, 1962.
- BLOMQUIST, A. J., and HARLOW, H. F.: The infant rhesus monkey program at the University of Wisconsin Primate Laboratory. *Proceedings of the Animal Care Panel*, 11:57-64, 1961.
- BOWMAN, R. E.: Discrimination learning-set performance under intermittent and secondary reinforcement. *Journal of Comparative and Physiological Psychology*, 56(2):429-434, 1963.
- CROSS, H. A., FLETCHER, H. F., and HARLOW, H. F.: Effects of prior experience with test stimuli on learning-set performance of monkey. *Journal of Comparative and Physiological Psychology*, 56:204-207, 1963.
- FLETCHER, H. J., and CROSS, H. A.: Effects of trial reward contingency, intertrial interval, and experience on intraproblem discrimination performance of monkeys. *Journal of Comparative and Physiological Psychology*, 57:318-320, 1964.
- FLETCHER, H. J., and MOWBRAY, J. B.: Note on learning in aged monkey. *Psychological Reports*, 10:11-13, 1962.

- HARLOW, H. F.: The nature of love. *American Psychologist*, 13(12):673-685, 1958.
- HARLOW, H. F.: The development of learning in the rhesus monkey. *American Scientist*, 47:459-479, 1959.
- HARLOW, H. F.: Basic social capacity of primates. *Human Biology*, 31(1):40-53, 1959.
- HARLOW, H. F.: Love in infant monkeys. *Scientific American*, 200:68-74, 1959.
- HARLOW, H. F.: Primary affectional patterns in primates. *American Journal of Orthopsychiatry*, 30:676-684, 1960.
- HARLOW, H. F.: Development of the second and third affectional systems in macaque monkeys. In: Tourlentes, T. T., Pollack, S. L., and Himwich, H. E., eds. *Research approaches to psychiatric problems: A symposium*. New York, Grune & Stratton, 1962, p. 209-229.
- HARLOW, H. F.: Development of affection in primates. In: Bliss, E., eds. *Roots of behavior*. New York, Harper (Hoeber), 1962.
- HARLOW, H. F., BLAZEK, N. C., and MCCLEARN, G. E.: Manipulatory motivation in the infant rhesus monkey. *Journal of Comparative and Physiological Psychology*, 49(5):444-448, 1956.
- HARLOW, H. F., and HARLOW, M. K.: The effect of rearing conditions on behavior. *Bulletin of the Menninger Clinic*, 26(5):213-224, 1962.
- HARLOW, H. F., and HARLOW, M. K.: Social deprivation in monkeys. *Scientific American*, 207:136-147, 1962.
- HARLOW, H. F., HARLOW, M. K., RUEPING, R. R., and MASON, W. A.: Performance of infant rhesus monkeys on discrimination learning, delayed response, and discrimination learning set. *Journal of Comparative and Physiological Psychology*, 53:113-121, 1960.
- HARLOW, H. F., and ZIMMERMANN, R. R.: The development of affectional responses in infant monkeys. *Proceedings of the American Philosophical Society*, 102(5):501-509, 1958.
- HARLOW, H. F., and ZIMMERMANN, R. R.: Affectional responses in the infant monkey. *Science*, 130(3372):421-432, 1959.
- KING, J. E., and HARLOW, H. F.: Effect of ratio of trial 1 reward to nonreward on the discrimination learning of macaque monkeys. *Journal of Comparative and Physiological Psychology*, 55(5):872-875, 1962.
- LOCKHART, J. M., and HARLOW, H. F.: The influence of spatial configuration and percentage of reinforcement upon oddity learning. *Journal of Comparative and Physiological Psychology*, 55:495-501, 1962.
- MASON, W. A.: Development of communication between young rhesus monkeys. *Science*, 130(3377):712-713, 1959.
- MASON, W. A.: Socially mediated reduction in emotional responses of young rhesus monkeys. *Journal of Abnormal and Social Psychology*, 60:100-104, 1960.
- MASON, W. A.: The effects of social restriction on the behavior of rhesus monkeys. I. Free social behavior. *Journal of Comparative and Physiological Psychology*, 53(6):582-589, 1960.
- MASON, W. A.: The effects of social restriction on the behavior of rhesus monkeys. II. Tests of gregariousness. *Journal of Comparative and Physiological Psychology*, 54:287-290, 1961.
- MASON, W. A.: The effects of social restriction on the behavior of rhesus monkeys. III. Dominance tests. *Journal of Comparative and Physiological Psychology*, 54:694-699, 1961.
- MASON, W. A.: Effects of age and stimulus characteristics on manipulatory responsiveness of monkeys raised in a restricted environment. *Journal of Genetic Psychology*, 99:301-308, 1961.
- MASON, W. A., BLAZEK, N. C., and HARLOW, H. F.: Learning capacities of the infant rhesus monkey. *Journal of Comparative and Physiological Psychology*, 49(5):449-453, 1956.
- MASON, W. A., and GREEN, P. C.: The effects of social restriction on the behavior of rhesus monkeys. IV. Responses to a novel environment and to an alien species. *Journal of Comparative and Physiological Psychology*, 55:363-368, 1962.
- MASON, W. A., and HARLOW, H. F.: Formation of conditioned responses in infant monkeys. *Journal of Comparative and Physiological Psychology*, 51:68-70, 1958.
- MASON, W. A., and HARLOW, H. F.: Performance of infant rhesus monkeys on a spatial discrimination problem. *Journal of Comparative and Physiological Psychology*, 51(1):71-74, 1958.
- MASON, W. A., and HARLOW, H. F.: Learned approach by infant rhesus monkeys to the sucking situation. *Psychological Reports*, 4:79-82, 1958.
- MASON, W. A., and HARLOW, H. F.: Initial responses of infant rhesus monkeys to solid foods. *Psychological Reports*, 5:193-199, 1959.
- MASON, W. A., and HARLOW, H. F.: The effect of age and previous training on patterned-strings performance of rhesus monkeys. *Journal of Comparative and Physiological Psychology*, 54(6):704-709, 1961.
- MASON, W. A., HARLOW, H. F., and RUEPING, R. R.: The development of manipulatory responsiveness in the infant rhesus monkey. *Journal of Comparative and Physiological Psychology*, 52:555-558, 1959.



14/2: N21a/991

- MASON, W. A., and HOLLIS, J. H.: Communication between young rhesus monkeys. *Animal Behavior*, 10:211-221, 1962.
- MASON, W. A., and SPONHOLZ, R. R.: Behavior of rhesus monkeys raised in isolation. *Journal of Psychiatric Research*, 1:299-306, 1963.
- MOWBRAY, J. B., and CADELL, T. E.: Early behavior patterns in rhesus monkeys. *Journal of Comparative and Physiological Psychology*, 55:350-357, 1962. (Also acknowledges MH-4528).
- ROSENBLUM, L. A., and CROSS, H. A.: Performance of neonatal monkeys in the visual cliff-situation. *American Journal of Psychology*, 76:318-320, 1963.
- SEAY, BILLY, HANSEN, E., and HARLOW, H. F.: Mother-infant separation in monkeys. *Journal of Child Psychology and Psychiatry*, 3:123-132, 1962.
- WASMAN, HARRY A., WANG, HWA L., HARLOW, H. F., and SPONHOLZ, R. R.: Experimental phenylketonuria in the monkey. *Proceedings of the Society for Experimental Biology and Medicine*, 101: 864-865, 1959.
- ZIMMERMANN, R. R.: Analysis of discrimination learning capacities in the infant rhesus monkey. *Journal of Comparative and Physiological Psychology*, 54:1-10, 1961.
- ZIMMERMAN, R. R.: Form generalization in the infant monkey. *Journal of Comparative and Physiological Psychology*, 55(6):918-923, 1962.
- ZIMMERMAN, ROBERT R., and TORREY, CHARLES C.: Ontogeny of learning. In: Schrier, Allan M., Harlow, Harry F., and Stollnitz, Fred, eds. *Behavior of nonhuman primates*. Vol. 2. New York, Academic Press, 1965, p. 405-447. (Also acknowledges MH-4516 and MH-4355).
- MH-774 (R01) COPPOCK, HAROLD W.: Conditioning factors in drug addiction. University of Oklahoma, Norman, Okla. (1954-55)
- HEADLEE, C. P., COPPOCK, H. W., and NICHOLS, J. R.: Apparatus and technique involved in a laboratory method of detecting the addictiveness of drugs. *Journal of the American Pharmaceutical Association, Scientific Edition*, 14:229-231, 1955.
- MH-775 (R01) DES LAURIERS, AUSTIN M.: Sense of reality in schizophrenic children. Topeka State Hospital, Topeka, Kan. (1954-58)
- DES LAURIERS, AUSTIN M.: The experience of reality in childhood schizophrenia. New York, International Universities Press, 1962, 215 p.
- BURGHARDT, GORDON M.: Stimulus control of the prey attack response in naive garter snakes. *Psychonomic Science*, 4(1):37-38, 1966.
- BURGHARDT, GORDON M., and HESS, ECKHARD H.: Food imprinting in the snapping turtle, *Chelydra serpentina*. *Science*, 151(3706):108-109, 1966.
- HESS, E. H.: Effects of meprobamate on imprinting in waterfowl. *Annals of the New York Academy of Sciences*, 67:724-733, 1957.
- HESS, E. H.: Imprinting in animals. *Scientific American*, 198(3):81-90, 1958.
- HESS, E. H.: Two conditions limiting critical age for imprinting. *Journal of Comparative and Physiological Psychology*, 52:515-518, 1959.
- HESS, E. H.: The relationship between imprinting and motivation. In: Jones, M., ed. *Nebraska Symposium on Motivation*. Lincoln, Neb., University of Nebraska, 1959, p. 44-77.
- HESS, E. H.: Imprinting. *Science*, 130:133-144, 1959.
- HESS, E. H.: Effects of drugs on imprinting behavior. In: Ohr, I., and Miller, J. G., eds. *Drugs and behavior*. New York, Wiley, 1960.
- Hess, E. H.: Ethology: An approach toward the complete analysis of behavior. In: Brown, R., Galanter, E., Hess, E. H., and Mandler, G. *New directions in psychology*. New York, Holt, Rinehart & Winston, 1962, p. 157-286.
- Hess, E. H.: Imprinting and the critical period concept. In: Bliss, E. L., ed. *Roots of behavior*. New York, Hoeber-Harper, 1962, p. 254-263.
- Hess, EDWARD H.: Imprinting in birds. *Science*, 146(3648):1128-1139, 1964.
- Hess, E. H., POLT, J. M., and GOODWIN, E.: Effects of carisoprodol on early experience and learning. In: Miller, J. G., ed. *The pharmacology and clinical usefulness of carisoprodol*. Detroit, Wayne State University, 1959, p. 51-65.
- Hess, E. H., and SCHARFER, H. H.: Innate behavior patterns as indicators of the "critical period." *Zeitschrift Für Tierpsychologie*, 16:155-160, 1959.
- KLINGHAMMER, E., and HESS, E. H.: Imprinting in an altricial bird: The blond ring dove (*Streptopelia risoria*). *Science*, 146:265-266, 1964.
- KLINGHAMMER, ERICH, and HESS, ECKHARD H.: Parental feeding in ring doves (*Streptopelia roseogrisea*): Innate or learned? *Zeitschrift für Tierpsychologie (Germany)*, 21(3):S.338-347, 1964.
- KOVACH, JOSEPH K.: Effects of autonomic drugs on imprinting. *Journal of Comparative and Physiological Psychology*, 57:183-187, 1964.

- POLT, J. M., and HESS, E. H.: Following and imprinting: Effects of light and social experience. *Science*, 143:1185-1187, 1964.
- POLT, JAMES M., and HESS, ECKHARD H.: Effects of social experiences on the following response in chicks. *Journal of Comparative and Physiological Psychology*, 61(2):268-270, 1966.
- RAMSAY, A. O.: The meaning of display in the new natural history. *American Biology Teacher*, 24: 96-99, 1962.
- RAMSAY, A. O., and HESS, E. H.: A laboratory approach to the study of imprinting. *Wilson Bulletin*, 66:196-206, 1954.
- SCHAEFER, HALMUTH H., and HESS, E. H.: Color preferences in imprinting objects. *Zeitschrift für Tierpsychologie*, 16:161-172, 1959.
- MH-782 (R01) KLEIN, GEORGE S., and HOLT, ROBERT R.: Perceptual processes below the level of awareness. New York University, New York, N.Y. (1954-61)
- BOERNSTEIN, W. S.: Visual images: "Induced hallucinations." *Transactions of the New York Academy of Sciences*, 20:72-74, 1957.
- EAGLE, M.: The effects of subliminal stimuli of aggressive content upon conscious cognition. *Journal of Personality*, 27:578-600, 1959.
- EAGLE, M.: Personality correlates of sensitivity to subliminal stimuli. *Journal of Nervous and Mental Disease*, 134:1-17, 1962.
- FISS, H., GOLDBERG, F. H., and KLEIN, G. S.: Effects of subliminal stimulation on imagery and discrimination. *Perceptual and Motor Skills*, 17: 31-44, 1963.
- GOLDBERG, F., and FISS, H.: Partial cues and the phenomenon of "discrimination without awareness." *Perceptual and Motor Skills*, 9:243-251, 1959.
- HOLT, R. R.: Gauging primary and secondary process in Rorschach responses. *Journal of Projective Techniques*, 20:14-25, 1956.
- HOLT, R. R.: Discussion: Charles Fisher's "Further observations on the Poetzl phenomenon—a study of day residues." *Psychoanalytic Quarterly*, 28: 442, 1959.
- HOLT, R. R.: The nature of TAT stories as cognitive products: A psychoanalytic approach. In: Kagan, J., ed. *Contemporary issues in thematic apperceptive methods*. Springfield, Ill., Thomas, 1961.
- HOLT, R. R.: A critical examination of Freud's concept of bound vs. free cathexis. *Journal of the*
- KLEIN, G. S.: Discussion: Charles Fisher's "A study of the preliminary stages of the construction of dreams and images." *Psychoanalytic Quarterly*, 26:155-156, 1957.
- KLEIN, G. S.: Cognitive control and motivation. In: Lindzey, G., ed. *Assessment of human motives*. New York, Rhinehart, 1958, p. 87-118. (Also acknowledges MH-25).
- KLEIN, G. S.: Consciousness in psychoanalytic theory: Some implications for current research in perception. *Journal of the American Psychoanalytic Association*, 7:5-34, 1959.
- KLEIN, G. S.: On subliminal activation. *Journal of Nervous and Mental Disease*, 128:292-301, 1959.
- KLEIN, G. S., and HOLT, R. R.: Problems and issues in current studies of subliminal stimulation. In: Peatman, J. G., and Harley, E. L., eds. *Festschrift for Gardner Murphy*. New York, Harper & Brothers, 1960, p. 76-93.
- KLEIN, G. S., SPENCE, D. P., HOLT, R. R., and GOUREVITCH, SUSANNAH: Cognition without awareness: Subliminal influences upon conscious thought. *Journal of Abnormal and Social Psychology*, 57:255-266, 1958.
- PINE, F.: Incidental stimulation: A study of pre-conscious transformations. *Journal of Abnormal and Social Psychology*, 60:68-75, 1960.
- PINE, F.: Incidental vs. focal presentation of drive-related stimuli. *Journal of Abnormal and Social Psychology*, 62:482-490, 1961.
- PINE, F.: The bearing of psychoanalytic theory on selected issues in research on marginal stimuli. *Journal of Nervous and Mental Disease*, 138:205-222, 1964.
- SMITH, G. J. W., SPENCE, D. P., and KLEIN, G. S.: Subliminal effects of verbal stimuli. *Journal of Abnormal and Social Psychology*, 59:167-176, 1959.
- SPENCE, D. P.: Success, failure, and recognition threshold. *Journal of Personality*, 25:712-720, 1957.
- SPENCE, D. P.: An experimental test of schema interaction. *Journal of Abnormal and Social Psychology*, 62:611-615, 1961.
- SPENCE, D. P.: The multiple effects of subliminal stimuli. *Journal of Personality*, 29:40-53, 1961.
- SPENCE, D. P.: Effects of verbal satiation on recall. *Psychological Reports*, 9:476, 1961.
- SPENCE, D. P., and BRESSLER, JOANNA: Subliminal activation of conceptual associates: A study of "rational" preconscious thinking. *Journal of Personality*, 30:89-105, 1962.

14/2: N21a/991

U.S. Department of Justice

- SPENCE, D. P., and HOLLAND, B.: The restricting effects of awareness: A paradox and an explanation. *Journal of Abnormal and Social Psychology*, 64:163-174, 1962.
- SPENCE, D. P., and PAUL, I. H.: Importation above and below awareness. (Abstract) *American Psychologist*, 14:359, 1959.
- MH-783 (R01) BEACH, FRANK A.: Hormonal-neural control of reproductive behavior. Yale University, New Haven, Conn. (1954-54)
- BEACH, F. A., CONOVITZ, M. W., STEINBERG, F., and GOLDSTEIN, A. C.: Experimental inhibition and restoration of mating behavior in male rats. *Journal of Genetic Psychology*, 89:165-181, 1956.
- BEACH, F. A., GOLDSTEIN, A. C., and JACOBY, G. A., JR.: Effects of electroconvulsive shock on sexual behavior in male rats. *Journal of Comparative and Physiological Psychology*, 48:173-179, 1955.
- MH-788 (R01) WENGER, MARION A., and CULLEN, THOMAS D.: Studies of autonomic response patterns. University of California, Los Angeles, Calif. (1954-65)
- ACKER, C. W.: Personality concomitants of autonomic balance. I. Rorschach measures. *Journal of Projective Techniques*, 27:12-19, 1963.
- ACKER, C. W.: Personality concomitants of autonomic balance. II. Inventory measures. *Journal of Projective Techniques*, 27:20-22, 1963.
- BAGCHI, B. K., and WENGER, M. A.: Electrophysiological correlates of some Yogi exercises. *EEG, Clinical Neurophysiology and Epilepsy*, 3:132-149, 1959.
- BALSHAN, IRIS: Muscle tension and personality in women: A factorial study. *Archives of General Psychiatry*, 7:436-448, 1962.
- CLEMENS, T. L.: Autonomic response patterns related to the Funkenstein test. *American Psychology*, 10:452-453, 1955.
- CLEMENS, T. L.: Autonomic nervous system responses related to the Funkenstein test I. To epinephrine. *Psychosomatic Medicine*, 19:268-274, 1957.
- CLEMENS, T. L.: Autonomic nervous system responses related to the Funkenstein test II. To mecholyl. *Psychosomatic Medicine*, 19:364-369, 1957.
- EISENSTEIN, E. M., and WOSKOW, M. H.: Technique for measuring heart potentials continuously in a freely moving rat. *Archives of Neurology and Psychiatry*, 80:394-395, 1958.
- ENGEL, B. T., and MCFALL, R. A.: Magnetometer method for recording localized movement of stomach walls. *Journal of Applied Physiology*, 14:1069-1070, 1959.
- GENGERELLI, J. A., GUSTAFSON, L. A., and PRIDDY, R. D.: Studies in the neurophysiology of learning. VI. Electrophysiological recording from the rat's brain during operant learning. *Psychological Reports*, 11:279-290, 1962.
- HORWITZ, JOSEPH, and AVERILL, JAMES: An inexpensive transducer for remote determination of arterial blood pressure. *Psychophysiology*, 2(2):168-169, 1965.
- LUCIO, W. H., and WENGER, M. A.: Prediction of teacher performance and emotional stability: A psychophysiological pilot study of female student teachers. Final report to U.S. Office of Education, Contract No. SEA8311, September 30, 1961. Los Angeles, University of California, 1961, 91 p.
- MARKWELL, E. D., JR.: An investigation of autonomic balance in tuberculous patients. *Psychosomatic Medicine*, 23:392-399, 1961.
- MARKWELL, E. D., JR.: Autonomic nervous system measures and factor correlates with personality indices in a tuberculous population. *Journal of Consulting Psychology*, 26(2):194, 1962.
- SMITH, D. B. D., and WENGER, M. A.: Changes in autonomic balance during phasic anxiety. *Psychophysiology*, 1(3):267-271, 1965.
- STERNBACH, R. A.: Two independent indices of activation. *Electroencephalography and Clinical Neurophysiology*, 12:609-611, 1960.
- STERNBACH, R. A.: Correlates of differences in time to recover from startle. *Psychosomatic Medicine*, 22:143-148, 1960.
- STERNBACH, R. A.: A comparative analysis of autonomic responses in startle. *Psychosomatic Medicine*, 22:204-210, 1960.
- STERNBACH, R. A.: Some relationships among various "dimensions" of autonomic activity. *Psychosomatic Medicine*, 22:430-434, 1960.
- WENGER, M. A.: Pattern analyses of autonomic variables during rest. *Psychosomatic Medicine*, 19:240-244, 1957.
- WENGER, M. A.: A brief note on the objective evaluation of pharmacotherapy. In: Cole, Jonathan, and Gerard, Ralph W., eds. *Psychopharmacology: Problems in evaluation*. Washington, D.C., National Academy of Science, 1959, p. 537-545.
- WENGER, M. A.: Some problems in psychophysiological research. In: Roessler, R., and Greenfield, S., eds. *Psychophysiology: The state of the field*. New York, Academic Press, 1960, p. 1-10.

- WENGER, M. A.: Studies on autonomic balance: A summary. *Psychophysiology*, 2(3):178-186, 1966. (Also acknowledges MH-1281).
- WENGER, M. A., and BAGCHI, B. K.: Studies of autonomic functions in practitioners of Yoga in India. *Behavioral Science*, 6:312-324, 1961.
- WENGER, M. A., BAGCHI, B. K., and ANAND, B.: Experiments in India on voluntary control of the heart and pulse. *Circulation*, 24:1319-1325, 1961.
- WENGER, M. A., CLEMENS, T. L., COLEMAN, D. R., CULLEN, T. D., and ENGEL, B. T.: Autonomic response specificity. *Psychosomatic Medicine*, 23: 185-193, 1961.
- WENGER, M. A., CLEMENS, T. L., and CULLEN, T. D.: Autonomic functions in patients with gastro-intestinal and dermatological disorders. *Psychosomatic Medicine*, 24:267-273, 1962. (Also acknowledges MH-1281).
- WENGER, M. A., CLEMENS, T. L., DARSIE, M. L., ENGEL, B. T., ESTESS, F. M., and SONNESCHEIN, R. R.: Autonomic response patterns during intravenous infusion of epinephrine and nor-epinephrine. *Psychosomatic Medicine*, 22:294-307, 1960.
- WENGER, M. A., ENGEL, B. T., and CLEMENS, T. L.: Initial results with magnetometer method of recording stomach motility. *American Psychologist*, 10:452, 1955.
- WENGER, M. A., ENGEL, B. T., and CLEMENS, T. L.: Studies of autonomic response patterns: Rationale and methods. *Behavioral Science*, 2: 216-221, 1957.
- WENGER, M. A., ENGEL, B. T., CLEMENS, T. L., and CULLEN, T. D.: Stomach motility in man as recorded by the magnetometer method. *Gastroenterology*, 41:479-485, 1961.
- WENGER, M. A., HENDERSON, E. B., and DINNING, J. S.: Magnetometer method for recording gastric motility. *Science*, 125:990-991, 1957.
- MH-789 (R01) SACKS, WILLIAM, and SHENKIN, HENRY A.: Cerebral tricarboxylic acid cycle enzyme activities. Albert Einstein Medical Center, Philadelphia, Pa. (1954-57) (Continued as MH-2096).
- SACK, WILLIAM: Cerebral oxidation of fumarate- $2\text{-C}^{14}$  in normal human subjects. *Journal of Applied Physiology*, 9:43-48, 1956.
- SACKS, WILLIAM: Cerebral metabolism of butyrate- $1\text{-C}^{14}$  in normal human subjects. *Federation Proceedings*, 16:240, 1957.
- SACKS, WILLIAM: Cerebral metabolism of isotopic glucose in normal human subjects. *Journal of Applied Physiology*, 10:37-44, 1957.
- SACKS, WILLIAM: Cerebral metabolism of isotopic lactate in normal humans. *Federation Proceedings*, 17:301, 1958.
- SACKS, WILLIAM: Cerebral metabolism of isotopic lipid and protein derivatives in normal human subjects. *Journal of Applied Physiology*, 12:311-318, 1958.
- SACKS, WILLIAM: Evidence for the metabolism of maleic acid in dogs and human beings. *Science*, 127:594, 1958.
- MH-790 (R01) MARCUS, IRVIN M.: Studies of children showing injury patterns. Tulane University, New Orleans, La. (1954-58)
- MARCUS, IRVIN M.: The significance of health and handicaps in the child's growth and development. In: Tulane studies in social welfare. Vol. 3. New Orleans, Tulane University, 1961, p. 64-70.
- MARCUS, IRVIN, WILSON, M., KRAFT, WILMA, SWANDER, IRVIN DELAMR, SOUTHERLAND, FRED, and SCHULHOFFER, EDITH: An interdisciplinary approach to accident patterns in children. *Child Development Publications of the Society for Research in Child Development*, 25(2):1-79, 1960. (Serial No. 76)
- SHAVER, JACQUELINE: What makes a child accident-prone? *Family Circle Magazine*, 60(2):58-78, 1962.
- SUCHMAN, ED. A., and SCHERZER, A. L.: Current research in childhood accidents. New York, Association for the Aid of Crippled Children, 1960.
- MH-791 (R01) JACKSON, DONALD D.: Personality of parents of schizophrenic children. Palo Alto Medical Research Foundation, Palo Alto, Calif. (1954-55)
- BLOCK, J., BLOCK, J., and PATTERSON, V.: Psychiatrists' conceptions of the schizophrenogenic parent. *Archives of Neurology and Psychiatry*, 79: 448-459, 1958.
- BLOCK, JEANNE, PATTERSON, V., BLOCK, JACK, and JACKSON, DON D.: A study of the parents of schizophrenic and neurotic children. *Psychiatry*, 21:387-397, 1958.
- MH-795 (R01) GRENELL, ROBERT G., and FINE-SINGER, JACOB E.: Effects of chemical agents upon cerebral oxidation. University of Maryland, Baltimore, Md. (1954-61)
- GRENELL, R. G.: Remarks concerning the mechanisms of narcosis and anesthesia. In: Proceedings of the 3rd International Congress of Biochemistry, Brussels, Belgium, 1956.
- GRENELL, R. G.: Mechanisms of action of psychotherapeutic and related drugs. *Annals of the New York Academy of Sciences*, 66:826-835, 1957.

- GRENNELL, R. G.: Alcohols and activity of cerebral neurons. *Quarterly Journal of Studies on Alcohol*, 20:421-427, 1959.
- GRENNELL, R. G.: Part III. Studies on schizophrenia and behavior: Molecular biology and psychopathology. *Annals of the New York Academy of Sciences*, 96(1):345-352, 1962.
- GRENNELL, R. G., and MAY, L.: Infrared spectroscopy of nervous tissue. *Journal of Neurochemistry*, 2:138-149, 1958.
- GRENNELL, R. G., MAY, L., McELROY, W. D., and MENDELSON, J.: Some structural and molecular aspects of cerebral responses to drugs. In: *Proceedings of the Association for Research in Nervous and Mental Disease*, 37:417-439, 1959.
- GRENNELL, R. G., MENDELSON, J., and McELROY, W. D.: Effects of chlorpromazine on metabolism in central nervous system. *A. M. A. Archives of Neurology and Psychiatry*, 73:347-351, 1955.
- GRENNELL, R. G., MENDELSON, J., and McELROY, W. D.: ATP mapping in brain. *Federation Proceedings*, 14:63-64, 1955.
- GRENNELL, R. G., MENDELSON, J., McELROY, W. D., MENDELSON, J. H., and SONNENFELD, S.: Neuronal metabolism and ATP synthesis in narcosis. *Journal of Cellular and Comparative Physiology*, 46(1):143-162, 1955.
- GRENNELL, R. G., MERLIS, J. K., SAX, D., and BROWN, D.: Physiologic correlates of the effects of insulin on the central nervous system. In: Wortis, Joseph, ed. *Recent advances in biological psychiatry*. New York, Grune & Stratton, 1960, p. 43-49.
- MAY, L., and GRENNELL, R. G.: Nucleic acid content of various areas of the rat brain. *Proceedings of the Society for Experimental Biology and Medicine*, 102:235-239, 1959.
- MH-800 (R01) LITTLE, CLARENCE C., and FULLER, JOHN L.: Biology of nervous and emotional instability. Roscoe B. Jackson Memorial Laboratory, Bar Harbor, Me. (1954-56)
- CHAMBERS, R. M., and FULLER, J. L.: Conditioning of skin temperature changes in dogs. *Journal of Comparative and Physiological Psychology*, 51(2):223-226, 1958.
- MH-808 (R01) CHILD, IRVIN L.: Factors influencing positive social behavior. Yale University, New Haven, Conn. (1954-57)
- CHILD, IRVIN L., FRANK, KITTY F., and STORM, THOMAS: Self-ratings and TAT: Their relations to each other and to childhood background. *Journal of Personality*, 25:96-114, 1956.
- STORM, THOMAS, ROSENWALD, GEORGE C., and CHILD, IRVIN L.: A factor analysis of self-ratings on social behavior. *Journal of Social Psychology*, 48:45-49, 1958.
- MH-810 (R01) TUMIN, MELVIN M.: Relation of personality to social structure. Puerto Rico Department of Health, San Juan, P.R. (1954-58)
- TUMIN, M.: Competing status systems. In: Moore W. E., and Feldman, A., eds. *Symposium on labor systems and social change*. New York, Social Science Research Council, 1961, p. 277-288.
- TUMIN, M., and FELDMAN, ARNOLD: The miracle at Sabana Grande. *Public Opinion Quarterly*, 19(2):125-139, 1955.
- TUMIN, M., and FELDMAN, ARNOLD: Status, perspective and achievement: Education and the class structure in Puerto Rico. *American Sociological Review*, 21(4):464-472, 1956.
- TUMIN, M., and FELDMAN, ARNOLD: Theory and measurement of occupational mobility. *American Sociological Review*, 22(3):281-288, 1957.
- TUMIN, M., and FELDMAN, ARNOLD: Social class and social change in Puerto Rico. Princeton, N.J., Princeton University, 1961, 549 p.
- MH-814 (R01) SAKODA, JAMES M., and BRAND, HOWARD: The influence of antecedent conditions on perception. University of Connecticut, Storrs, Conn. (1954-60)
- BRAND, HOWARD, SAKODA, JAMES M., and WOODS, PAUL J.: Contingent partial reinforcement and the anticipation of correct alternatives. *Journal of Experimental Psychology*, 53:417-424, 1957.
- BRAND, HOWARD, SAKODA, JAMES M., and WOODS, PAUL J.: Effects of a random versus pattern instructional set in a contingent partial reinforcement situation. *Psychological Reports*, 3:473-479, 1957.
- BRAND, HOWARD, WOODS, PAUL J., and SAKODA, JAMES M.: Anticipation of reward as a function of partial reinforcement. *Journal of Experimental Psychology*, 52:18-22, 1956.
- SAKODA, JAMES M.: Individual differences in correlation between clustering and recall of meaningful words. *Journal of General Psychology*, 54:183-190, 1956.
- SAKODA, JAMES M., and COHEN, BURTON H.: Exact probabilities for contingency tables using binomial coefficients. *Psychometrika*, 22:83-86, 1957.
- MH-815 (R01) LOEB, MARTIN B.: Social relations in a community psychiatric hospital. Community Studies, Kansas City, Mo. (1954-57)
- LOEB, MARTIN B.: Some dominant cultural themes in a psychiatric hospital. *Social Problems*, 4(1): July 1956.

- LOEB, MARTIN B.: Role definition in the social world of a mental hospital. In: Levinson, D., Greenblatt, M., and Williams, R., eds. *The patient and the mental hospital*. Glencoe, Ill., Free Press, 1957.
- MH-817 (R01) MARX, MELVIN H.: Effect of frustration on drive and motivation. University of Missouri, Columbia, Mo. (1954-64)
- BROWNSTEIN, A. J.: Predicting instrumental performances from the independent rates of contingent responses in a choice situation. *Journal of Experimental Psychology*, 63:29-31, 1962. (Also acknowledges MH-3345).
- BROWNSTEIN, A. J., and HILLIX, W. A.: Drive accommodation and learning. *Psychological Review*, 10:21-24, 1960.
- COGAN, D. C., and MARX, M. H.: The effect of intermittent presentation of goalbox cues on resistance to extinction under spaced and massed conditions. *Psychological Record*, 15(2):169-173, 1965.
- COLLIER, GEORGE, KNARR, FREDERICK A., and MARX, MELVIN H.: Some relations between the intensive properties of the consummatory response and reinforcement. *Journal of Experimental Psychology*, 62:484-495, 1961. (Also acknowledges MH-3328 and MH-7024).
- COLLIER, G., and MARX, M. H.: Changes in performance as a function of shifts in the magnitude of reinforcement. *Journal of Experimental Psychology*, 57:305-309, 1959.
- COLLIER, GEORGE, and MYERS, LEONHARD: The loci of reinforcement. *Journal of Experimental Psychology*, 61:57-66, 1961. (Also acknowledges MH-3328 and MH-7024).
- COLLIER, G., and SISKEL, M.: Performance as a joint function of amount of reinforcement and inter-reinforcement interval. *Journal of Experimental Psychology*, 57:115-120, 1959. (Also acknowledges MH-631).
- HOLDER, W. B., MARX, M. H., HOLDER, E. E., and COLLIER, G.: Response strength as a function of delay of reward in a runway. *Journal of Experimental Psychology*, 53:316-323, 1957.
- LAWSON, R., and MARX, M. H.: Frustration: Theory and experiment. *Genetic Psychology Monographs*, 57:393-464, 1958.
- LAWSON, R., and MARX, M. H.: A comparison of some presumed frustrating and secondary-reinforcing operations. *Journal of Comparative and Physiological Psychology*, 51:742-746, 1958.
- MCCOY, DONALD F., and MARX, MELVIN H.: Competing responses and the partial-reinforcement effect. *Journal of Experimental Psychology*, 70(4):352-356, 1965.
- MARX, M. H.: Resistance to extinction as a function of continuous or intermittent presentation of a training cue. *Journal of Experimental Psychology*, 56:251-255, 1958.
- MARX, M. H.: Resistance to extinction as a function of degree of reproduction of training conditions. *Journal of Experimental Psychology*, 59:337-342, 1960.
- MARX, M. H.: Incentive shift in the runway and barpress box: Comment on Goodrich and Zaretzky's runway study. *Psychological Reports*, 11:784, 1962.
- MARX, M. H.: The need for more specific formulations of the "competing response" interpretation of extinction. *Psychological Reports*, 56:546-550, 1963.
- MARX, M. H.: Resistance to extinction as a function of instrumental training under two levels of food deprivation and a shift in incentive. *Psychological Reports*, 56:783-785, 1963.
- MARX, M. H.: The effects of blocking the consummatory response on the acquisition and performance of an associated instrumental response. *Journal of Genetic Psychology*, 105:351-358, 1964.
- MARX, M. H., and BROWNSTEIN, A. J.: Effects of incentive magnitude on running speeds without competing responses in acquisition and extinction. *Journal of Experimental Psychology*, 65:182-189, 1963.
- MARX, MELVIN H., and EDWARDS, DAVID C.: Speed of nonreinforced running response following increasing and decreasing orders of sucrose concentrations. *Journal of Experimental Psychology*, 71(1):160-161, 1966.
- MARX, M. H., and HELLWIG, L. R.: Acquisition and extinction of avoidance conditioning without escape responses. *Journal of Comparative and Physiological Psychology*, 58:451-452, 1964.
- MARX, MELVIN, and KNARR, FREDERICK A.: Long-term development of reinforcing properties of a stimulus as a function of temporal relationship to food reinforcement. *Journal of Comparative and Physiological Psychology*, 56:546-550, 1963.
- MARX, M. H., and MURPHY, W. W.: Resistance to extinction as a function of the presentation of a motivating cue in the startbox. *Journal of Comparative and Physiological Psychology*, 54:207-210, 1961.
- MARX, M. H., and PIEPER, W. A.: Acquisition of instrumental response as a function of incentive contrast. *Psychological Reports*, 10:635-638, 1962.
- MARX, M. H., and PIEPER, W. A.: Instrumental acquisition and performance on fixed-interval reinforcement as a function of incentive contrast. *Psychological Reports*, 12:255-258, 1963.

- 14/2: N21a/991
- MARX, M. H., and SMOOT, K. E.: Response latency in the monkey as a function of the duration of interruption of an instrumental act. *Psychological Record*, 15:57-61, 1965.
- MARX, M. H., TOMBAUGH, JO WOOD, COLE, C., and DOUGHERTY, D.: Persistence of nonreinforced responding as a function of the direction of a prior-ordered incentive shift. *Journal of Experimental Psychology*, 66:542-546, 1963.
- MARX, MELVIN H., TOMBAUGH, TOM N., HATCH, ROBERT S., and TOMBAUGH, JO WOOD: Controlled operant conditioning boxes with discrete-trial programming for multiple experimental use. *Perceptual and Motor Skills*, 21(1):247-254, 1965.
- PIEPER, W. A., GARWOOD, CAROLYN, LEWIS, DONNA, and MARX, M. H.: Differential acquisition of an instrumental response in albino and hooded rats. *Psychological Reports*, 11:425-426, 1962.
- PIEPER, W. A., and MARX, M. H.: Effects of within-session incentive contrast on instrumental acquisition and performance. *Journal of Experimental Psychology*, 65:568-571, 1963.
- PIEPER, W. A., and MARX, M. H.: Conditioning of a previously neutral cue to the onset of a metabolic drive: Two instances of negative results. *Psychological Record*, 13:191-195, 1963.
- ROBERTS, C. L., MARX, M. H., and COLLIER, G.: Light onset and light offset as reinforcers for the albino rat. *Journal of Comparative and Physiological Psychology*, 51:575-579, 1958.
- SMOOT, K. E., and LAWSON, R.: Performance after failure as a function of interpolated activity. *Journal of Genetic Psychology*, 100:205-213, 1962.
- TOMBAUGH, TOM N., and MARX, M. H.: The effects of increasing and decreasing orders of monetary incentive on resistance to extinction in children. *Psychological Record*, 13:187-190, 1963.
- TOMBAUGH, TOM N., and MARX, MELVIN H.: Effects of ordered and constant sucrose concentrations on non-reinforced performance. *Journal of Experimental Psychology*, 69(6):630-636, 1965.
- TOMBAUGH, T. N., and TOMBAUGH, JO: The effects of apparent task solubility and reward upon the duration of problem solving behavior. *Psychological Record*, 13:83-87, 1963.
- TYLER, D. W., MARX, M. H., and COLLIER, G.: Frustration stimuli in discrimination. *Journal of Experimental Psychology*, 58:295-301, 1959.
- WIST, E. R.: Amount, delay, and position of delay of reinforcement as parameters of runway performance. *Journal of Experimental Psychology*, 63:160-166, 1962. (Also acknowledges MH-819 (R01) LONG, ROBERT, BURGIN, LEO B., and JESSNER, LUCIE: Study of allergic and emotional factors in asthma. Massachusetts General Hospital, Boston, Mass. (1954-57))
- JESSNER, LUCIE, LAMONT, JOHN, LONG, ROBERT, ROLLIN, NANCY, WHIPPLE, BABETTE, and PRENTICE, NORMAN: Emotional impact of nearness and separation for the asthmatic child and his mother. *Psychoanalytic Study of the Child*, 10:353-375, 1955.
- LAMONT, JOHN W.: Which children outgrow asthma and which do not? In: Scheer, Henry I., ed. *The asthmatic child*. New York, Harper & Row, 1963, p. 16-26.
- LONG, ROBERT, LAMONT, JOHN H., WHIPPLE, BABETTE, BANDLER, LOUISE, BLOM, GASTON E., BURGIN, LEO, and JESSNER, LUCIE: A psychosomatic study of allergic and emotional factors in children with asthma. *American Journal of Psychiatry*, 114(10):890-899, 1958.
- MH-823 (R01) GERTY, FRANCIS J., GARNER, ANN MARGARET, GERARD, MARGARET, and WENAR, CHARLES: Studies of psychosomatic disorders in children. University of Illinois, Chicago, Ill. (1954-56)
- BARRON, SAMUEL H., and SPURLOCK, JEANNE: Ulcerative colitis: Psychosomatic factors. *Medical Science*, 3(7):412-418, 1958. (Also acknowledges MH-1335).
- BRODY, VIOLA A.: Treatment of a pre-pubertal twin girl with psychogenic megacolon. *American Journal of Orthopsychiatry*, 33(3):569-573, 1963.
- DALLY, ANNE: Excerpts from a study of residential treatment for children with psychosomatic disorders. *American Journal of Occupational Therapy*, 21(4)Part 2:261-266, 1957. (Also acknowledges MH-1335).
- GARNER, ANN M., and WENAR, CHARLES: The mother-child interaction in psychosomatic disorders. Urbana, University of Illinois Press, 1959, 290 p.
- HERZOG, RUTH: A unique nursing role—pediatric psychiatric nursing on a psychosomatic ward for children. *Nursing Outlook*, 6(11):1958. (Also acknowledges MH-1335).
- MOHR, GEORGE J., JOSSELYN, IRENE M., SPURLOCK, JEANNE, and BARRON, S. H.: Studies of ulcerative colitis. *American Journal of Psychiatry*, 114(12):1067-1076, 1958. (Also acknowledges MH-1335).
- MOHR, GEORGE J., RICHMOND, JULIUS B., GARNER, ANN MARGARET, and EDDY, EVELYN J.: A program for the study of children with psychosomatic disorders. In: Caplan, Gerald, ed. *Some problems of early childhood*. New York, Books, 1955, p. 251-268.

- MH-826 (R01) GARDNER, GEORGE E.: Emotional disorders of childhood. Judge Baker Guidance Clinic, Boston, Mass. (1954-59)
- COOLIDGE, SAMUEL, BRODIE, RICHARD D., and FEENEY, BARBARA: A ten-year follow-up study of sixty-six school phobic children. *American Journal of Orthopsychiatry*, 34:675-684, 1964. (Also acknowledges MH-661).
- GRUNEBAUM, MARGARET GALDSTON: A study of learning problems of children; casework implications. *Social Casework*, 42(9):461-468, 1961.
- GRUNEBAUM, MARGARET GALDSTON, HURWITZ, IRVING, PRENTICE, NORMAN M., and SPERRY, BESSIE M.: Fathers of sons with primary neurotic learning inhibitions. *American Journal of Orthopsychiatry*, 32(3):462-472, 1962. (Also acknowledges MH-3246).
- KAUFMAN, I.: The continuation of protective services. *Child Welfare*, February, 1957.
- KAUFMAN, IRVING, FRANK, THOMAS, HEIMS, LORA, HERRICK, JOAN, REISER, DAVID, and WILLER, LEE: Treatment implications of a new classification of parents of schizophrenic children. *American Journal of Orthopsychiatry*, 116(10):920-924, 1960.
- KAUFMAN, IRVING, FRANK, THOMAS, HEIMS, LORA, HERRICK, JOAN, and WILLER, LEE: Four types of defense in mothers and fathers of schizophrenic children. *American Journal of Orthopsychiatry*, 29(3):460-472, 1959.
- KAUFMAN, I., and HEIMS, L.: The body image of the juvenile delinquent. *American Journal of Orthopsychiatry*, 28(1):146-159, 1958.
- KAUFMAN, IRVING, HEIMS, LORA W., and REISER, DAVID E.: A re-evaluation of the psychodynamics of firesetting. *American Journal of Orthopsychiatry*, 31(1):123-136, 1961.
- KAUFMAN, I., MAKRAY, E., and ZILBACH, J.: The impact of adolescence on girls with delinquent character formation. *American Journal of Orthopsychiatry*, 29(1):130-143, 1959.
- KAUFMAN, I., ROSENBAUM, E., HEIMS, C., and WILLER, C.: Childhood psychosis: I. Childhood schizophrenia: Treatment of children and parents. *American Journal of Orthopsychiatry*, 27:683-690, 1957.
- PRENTICE, N. M.: Individual achievement testing of children with learning problems: A clinical guide. *Journal of Projective Techniques and Personality Assessment*, 28:448-464, 1964. (Also acknowledges MH-3246).
- PRENTICE, N. M., and SPERRY, B. M.: Therapeutically oriented tutoring of children with primary neurotic learning inhibitions. *American Journal of Orthopsychiatry*, 35(3):521-530, 1965. (Also acknowledges MH-3246).
- REINER, BEATRICE SIMCOX, and KAUFMAN, I.: Character disorders in parents of delinquents. New York, Family Service Association of America, 1959, 179 p.
- SIMCOX, B., and KAUFMAN, I.: Casework with parents and delinquents. *Social Casework*, October and November, 1956.
- SPERRY, BESSIE, STAYER, NANCY, REINER, BEATRICE S., and ULRICH, DAVID: Renunciation and denial in learning difficulties. *American Journal of Orthopsychiatry*, 28:98-111, 1958.
- SPERRY, BESSIE, ULRICH, DAVID N., and STAYER, NANCY: The relationship of motility to boys' learning problems. *American Journal of Orthopsychiatry*, 28:640-646, 1958.
- WALDFOGEL, SAMUEL, COLLIDGE, JOHN, and HAHN, PAULINE B.: The development, meaning and management of school phobia. *American Journal of Orthopsychiatry*, 27(4):734-780, 1957. (Also acknowledges MH-661).
- WALLACH, M., ULRICH, D., and GRUNEBAUM, MARGARET: Relationship of family disturbance to cognitive difficulties in a learning-problem child. *Journal of Consulting Psychology*, 24(4):355-360, 1960. (Also acknowledges MH-3246).
- MH-830 (R01) CHANCE, ERIKA: Impact of child guidance treatment on the family. Child Study Center of Philadelphia, Philadelphia, Pa. (1954-56) (Continued as MH-1233).
- CHANCE, ERIKA: Measuring the potential interplay of forces within the family during treatment. *Child Development*, 26:241-265, 1955.
- CHANCE, ERIKA: Measuring changes in the family of four year old during treatment. In: Caplan, G., ed. *Emotional problems of early childhood*. New York, Basic Books, 1955, p. 117-149.
- CHANCE, ERIKA: Mutual expectations of patients and therapists in individual treatment. *Human Relations*, 10:167-178, 1957.
- CHANCE, ERIKA, and ATKINSON, STUART: Some interpersonal characteristics of individual treatment. *International Journal of Social Psychiatry*, 1(3): 5-22, 1955.
- MH-833 (R01) HOLT, L. EMMETT, JR.: Amino acid metabolism in mental deficiency. New York University, New York, N.Y. (1954-57)
- SNYDERMAN, S. E., NORTON, P. M., and HOLT, L. E., JR.: Effect of tyrosine administration in phenylketonuria. (Abstract) *Federation Proceedings*, 14:450-451, 1955. (Abstract No. 1458)
- MH-834 (R01) HENRY, CHARLES E., and OBRIST, WALTER D.: EEG study of the normal and psychotic aged. Institute of Living, Hartford, Conn. (1954-57)



- OBRIST, W. D.: The electroencephalogram of healthy aged males. In: Birren, J. E., Butler, R. N., Greenhouse, S. W., Sokoloff, L., and Yarrow, M. R., eds. *Human aging, a biological and behavioral study*. Public Health Service Publication No. 986, Washington, D.C., Government Printing Office, 1963, p. 79-93.
- OBRIST, W. D., BUSSE, E. W., and HENRY, C. E.: Relation of electroencephalogram to blood pressure in elderly persons. *Neurology*, 11:151-158, 1961. (Also acknowledges MH-900).
- OBRIST, W. D., and HENRY, C. E.: The relation of EEG to brain syndrome in aged patients. *Journal of Gerontology*, 10(4):473, 1955.
- OBRIST, W. D., and HENRY, C. E.: Electroencephalographic frequency analysis of aged psychiatric patients. *Electroencephalography and Clinical Neurophysiology*, 10:621-632, 1958.
- OBRIST, W. D., and HENRY, C. E.: Electroencephalographic findings in aged psychiatric patients. *Journal of Nervous and Mental Disease*, 126:254-267, 1958.
- OBRIST, W. D., SOKOLOFF, L., LASSEN, N. A., LANE, M. H., BUTLER, R. N., and FEINBERG, I.: Relation of EEG to cerebral blood flow and metabolism in old age. *Electroencephalography and Clinical Neurophysiology*, 15:610-619, 1963. (Also acknowledges MH-900).
- MH-835 (R01) LEARY, ROBERT W., SINHA, MADAN, and WARREN, JOHN M.: Effect of prefrontal lobectomy on responses to stress. University of Oregon, Eugene, Ore. (1954-57)
- BOYD, B. O., and WARREN, J. M.: Solution of oddity problems by cats. *Journal of Comparative and Physiological Psychology*, 50(3):258-260, 1957. (Also acknowledges MH-1364 and MH-3396).
- BRAMEL, DANA, and WARREN, J. M.: Retention of discrimination habits by cats. *Journal of Genetic Psychology*, 96:241-244, 1960. (Also acknowledges MH-1364 and MH-3396).
- CRONHOLM, J. N., WARREN, J. M., and HARA, KAZUO: Distribution of training and reversal learning by cats. *Journal of Genetic Psychology*, 96:105-113, 1960. (Also acknowledges MH-1364 and MH-3396).
- HARA, KAZUO, and WARREN, J. M.: Stimulus additivity and dominance in discrimination performance by cats. *Journal of Comparative and Physiological Psychology*, 54(1):86-90, 1961. (Also acknowledges MH-1364 and MH-3396).
- JOSHI, BHUWAN LAL, and WARREN, J. M.: Discrimination of ambivalent cue stimuli by cats. *Journal of Psychology*, 47:3-7, 1959. (Also acknowledges MH-1364 and MH-3396).
- LEARY, R. W.: The rewarded, the unrewarded, the chosen, and the unchosen. *Psychological Reports*, 2:91-97, 1956.
- LEARY, R. W.: The temporal factor in reward and nonreward of monkeys. *Journal of Experimental Psychology*, 3(56):294-296, 1958. (Also acknowledges MH-1664).
- MARONEY, R., and LEARY, R.: A failure to condition submission in monkeys. *Psychological Reports*, 3:472, 1957.
- MARONEY, R. J., WARREN, J. M., and SINHA, M. M.: Stability of social dominance hierarchies in monkeys (*Macaca Mulatta*). *Journal of Social Psychology*, 50:285-293, 1959. (Also acknowledges MH-1364 and MH-3396).
- STEWART, C. N., and WARREN, J. M.: The behavior of cats on the double-alternation problem. *Journal of Comparative and Physiological Psychology*, 50(1):26-28, 1957. (Also acknowledges MH-1364 and MH-3396).
- WARREN, J. M.: Effects of satiation on food preferences in monkeys. *Journal of Genetic Psychology*, 93:33-36, 1958. (Also acknowledges MH-1364 and MH-3396).
- WARREN, J. M.: The development of paw preferences in cats and monkeys. *Journal of Genetic Psychology*, 93:229-236, 1958. (Also acknowledges MH-1364 and MH-3396).
- WARREN, J. M.: Solution of object and positional discriminations by rhesus monkeys. *Journal of Comparative and Physiological Psychology*, 52(1):92-93, 1959. (Also acknowledges MH-1364 and MH-3396).
- WARREN, J. M.: Stimulus preservation in discrimination learning by cats. *Journal of Comparative and Physiological Psychology*, 52(1):99-101, 1959. (Also acknowledges MH-1364 and MH-3396).
- WARREN, J. M.: Oddity learning set in a cat. *Journal of Comparative and Physiological Psychology*, 53(4):433-434, 1960. (Also acknowledges MH-1364 and MH-3396).
- WARREN, J. M.: Supplementary report: Effectiveness of food and nonfood signs in reversal learning by monkeys. *Journal of Experimental Psychology*, 60(4):263-264, 1960. (Also acknowledges MH-1364 and MH-3396).

- WARREN, J. M.: Discrimination reversal learning by cats. *Journal of Genetic Psychology*, 97:317-327, 1960. (Also acknowledges MH-1364 and MH-3396).
- WARREN, J. M.: Individual differences in discrimination learning by cats. *Journal of Genetic Psychology*, 98:89-93, 1961. (Also acknowledges MH-1364 and MH-3396).
- WARREN, J. M., and BARON, ALAN: The formation of learning sets by cats. *Journal of Comparative and Physiological Psychology*, 49(3):227-231, 1956. (Also acknowledges MH-1364 and MH-3396).
- WARREN, J. M., and KIMBALL, H.: Transfer relations in discrimination learning by cats. *Journal of Comparative and Physiological Psychology*, 52(3):336-338, 1959. (Also acknowledges MH-1364 and MH-3396).
- WARREN, J. M., and MARONEY, R. J.: Competitive social interaction between monkeys. *Journal of Social Psychology*, 48:223-233, 1958. (Also acknowledges MH-1364 and MH-3396).
- WARREN, J. M., and SINHA, M. M.: Effect of differential reinforcement on size preferences in cats. *Perceptual and Motor Skills*, 7:17-22, 1957. (Also acknowledges MH-1364 and MH-3396).
- WARREN, J. M., and SINHA, M. M.: Interactions between learning sets in monkeys. *Journal of Genetic Psychology*, 95:19-25, 1959. (Also acknowledges MH-1364 and MH-3396).
- WARREN, J. M., and WARREN, H. B.: Interspecies differences in learning by carnivores? *Perceptual and Motor Skills*, 9:346, 1959. (Also acknowledges MH-1364 and MH-3396).
- WARREN, J. M., and WARREN, HELEN B.: Reversal learning by horse and raccoon. *Journal of Genetic Psychology*, 100:215-320, 1962. (Also acknowledges MH-1364 and MH-3396).
- WARREN, J. M., WARREN, HELEN B., and AKERT, K.: Umweg learning by cats with lesions in the prestriate cortex. *Journal of Comparative and Physiological Psychology*, 54(6):629-632, 1961. (Also acknowledges MH-1364 and MH-3396).
- WARREN, J. M., WARREN, HELEN B., and AKERT, KONRAD: Orbitofrontal cortical lesions and learning in cats. *Journal of Comparative Neurology*, 118(1):17-42, 1962. (Also acknowledges MH-1364 and MH-3396).
- YAMAGUCHI, SHUN-ICHI, and WARREN, J. M.: Single versus double alternation learning by cats. *Journal of Comparative and Physiological Psychology*, 54(5):533-538, 1961. (Also acknowledges MH-1364 and MH-3396).
- MH-836 (R01) WHITE, MARTHA S.: Child rearing practices and child behavior, individual. Carmel, Calif. (1954-55)
- WHITE, MARTHA STURM: Social class, child rearing practices, and child behavior. *American Sociological Review*, 22(6):702-712, 1957. Also in: Stoodley, B. H., ed. *Society and self*. Glencoe, Ill., Free Press, 1962, p. 579-592.
- MH-839 (R01) HOOKER, EVELYN G., and GENGARELLI, JOSEPH A.: Psychological study of male homosexuals. University of California, Los Angeles, Calif. (1954-62) (Continued as MH-6452).
- HOOKER, E.: A preliminary analysis of group behavior of homosexuals. *Journal of Psychology*, 42:217-225, 1956.
- HOOKER, E.: The adjustment of the male overt homosexual. *Journal of Projective Techniques*, 21:18-31, 1957. Also in: Ruitenbeek, H. M., ed. *The problem of homosexuality in modern society*. New York, E. P. Dutton, 1963, p. 141-161. (Also acknowledges MH-6452).
- HOOKER, E.: What is a criterion? *Journal of Projective Techniques*, 23:278-281, 1959.
- HOOKER, E.: Male homosexuality in the Rorschach. *Journal of Projective Techniques*, 22:33-54, 1958. Also in: Sherman, M., ed. *A Rorschach reader*. New York, International Universities Press, 1960, p. 14-44.
- HOOKER, E.: The case El: A biography. *Journal of Projective Techniques*, 25:252-267, 1961.
- HOOKER, E.: Homosexuality—summary of studies. In: Duvall, Evelyn M., and Duvall, S. M., eds. *Sex ways in fact and faith*. New York, Association Press, 1961, p. 166-183.
- HOOKER, E.: The homosexual community. In: Personality research. Vol. 2. Copenhagen, Munksgaard Press, 1962, p. 40-59. (Also acknowledges MH-6452).
- HOOKER, EVELYN: Male homosexual life styles and venereal disease. In: Proceedings of the world forum on syphilis and other treponematoses, Washington, D.C., 1962. Washington, Superintendent of Documents, U.S. Government Printing Office, 1962, p. 431-437. (Public Health Service Publication No. 997).
- HOOKER, E.: Male homosexuality. In: Farberow, N. L., ed. *Taboo topics*. New York, Atherton Press, 1963, p. 44-55. (Also acknowledges MH-6452).
- MH-844 (R01) WHITING, JOHN M.: Child rearing and personality development. Harvard University, Cambridge, Mass. (1954-55)
- SEARS, R. R., MACCOBY, ELEANOR E., and LEVIN, H.: Patterns of child rearing. Evanston, Ill., Row, Peterson, 1957, 549 p. (Also acknowledges MH-461 and MH-1096).

1972. NADA 791  
MH-849 (R01) BELLER, EMANUEL K.: Fear, aggression and dependency in childhood. Child Development Center, New York, N.Y. (1955-63)

BELLER, E. KUNO: Direct and inferential observations in the study of children. *American Journal of Orthopsychiatry*, 29:560-573, 1959.

BELLER, E. KUNO: Exploratory studies of dependency. *Transactions of the New York Academy of Sciences, Series II*, 21(5):414-426, 1959.

BELLER, E. KUNO: Clinical process: The assessment of data in childhood personality disorders. Glencoe, Ill., Free Press, 1962, 394 p.

BELLER, E. KUNO, and NEUBAUER, PETER B.: Sex differences and symptom patterns in early childhood. *Journal of the American Academy of Child Psychiatry*, 2(3):417-433, 1963.

BELLER, E. KUNO, and TURNER, JOHN: Personality correlates of children's perception of human size. *Child Development*, 35:441-449, 1964.

HAEERLE, ANN W.: Quantification of observational data in various stages of research. *American Journal of Orthopsychiatry*, 29:583-589, 1959.

MH-855 (R01) VESTERGAARD, PER B.: Adrenocortical response to insulin. Rockland State Hospital, Orangeburg, N.Y. (1954-57)

VESTERGAARD, P., ABBOTT, M. T., KLINE, N. S., and STANLEY, A. M.: Endamoeba histolytica infections on a psychiatric research ward. Implications for research and treatment with Mantonide. *Journal of Clinical and Experimental Psychology*, 19:44-53, 1958.

VESTERGAARD, P., and LEBRETT, R.: Excretion of combined neutral 17-ketosteroids in short term collection periods. A study of spontaneous variability. *Acta Endocrinologica*, 25:45-53, 1957.

VESTERGAARD, P., and LEVERETT, R.: Constancy of urinary creatinine excretion. *Journal of Laboratory and Clinical Medicine*, 51:211-218, 1958.

VESTERGAARD, P., LEVERETT, R., and DOUGLAS, W. R.: Spontaneous variability in the excretion of combined neutral 17-ketosteroids in the urine of chronic schizophrenic patients. *Psychiatric Research Reports*, 6:74-89, 1956.

MH-857 (R01) GREENE, WILLIAM A., JR., and ENGEL, GEORGE L.: Psychological factors in reticuloendothelial disease. University of Rochester, Rochester, N.Y. (1954-60)

GREENE, WILLIAM A.: Process in psychosomatic disorders. *Psychosomatic Medicine*, 17:150-158, 1956.

GREENE, WILLIAM A.: Early object relations, somatic, affective, and personal. An inquiry into

the physiology of the mother-child unit. *Journal of Nervous and Mental Disease*, 126:225, 1958.

GREENE, WILLIAM A.: Role of a vicarious object in the adaptation to object loss: I. Use of a vicarious object as a means of adjustment to separation from a significant person. *Psychosomatic Medicine*, 20(5):344-350, 1958.

GREENE, WILLIAM A.: Some perspectives for observing and interpreting biopsychologic relations and doctor-patient relations. *Perspectives in Biology and Medicine*, 2(4):453-471, 1959.

GREENE, WILLIAM A.: What the cancer patient should be told about his diagnosis and prognosis: Psychiatrist's recommendation. In: American Cancer Society. The physician and the total care of the cancer patient. A symposium presented at the 1961 scientific session of the American Cancer Society, Oct. 23-24, 1961. New York, American Cancer Society, 1962, p. 69-74.

GREENE, WILLIAM A.: Role of a vicarious object in the adaptation to object loss: II. Vicissitudes in the role of the vicarious object. *Psychosomatic Medicine*, 21(6):438-447, 1959.

GREENE, WILLIAM A., and MILLER, GERALD: Psychological factors and reticuloendothelial disease. IV. Observations on a group of children and adolescents with leukemia: An interpretation of disease development in terms of the mother-child unit. *Psychosomatic Medicine*, 20(2):124-141, 1958.

GREENE, WILLIAM A., YOUNG, LAWRENCE E., and SWISHER, SCOTT N.: Psychological factors and reticuloendothelial disease. II. Observations on a group of women with lymphomas and leukemias. *Psychosomatic Medicine*, 18(4):284-303, 1956.

MH-859 (R17) FINEMAN, ABRAHAM: Emotional disorders of childhood. Judge Baker Guidance Clinic, Boston, Mass. (1955-58)

FINEMAN, ABRAHAM D.: The utilization of child psychiatry on a children's surgical service. *American Journal of Surgery*, 95:64-73, 1958.

FINEMAN, ABRAHAM D.: Preliminary observations on ego development in children with congenital defects of the genitourinary system. *American Journal of Orthopsychiatry*, 29:110-120, 1959.

MH-863 (R17) CALLAWAY, ENOCH, III: The relation of autonomic activity to perception. University of Maryland, Baltimore, Md. (1954-58)

CALLAWAY, ENOCH, III: Institutional use of ataractic drugs. *Modern Medicine*, 25:81, 1957.

CALLAWAY, ENOCH, III: A practical application of information theory in psychopharmacology. *Psychiatric Research Report*, 9:47-51, 1958.

- CALLAWAY, ENOCH, III: The influence of amobarbital and methamphetamine on the focus of attention. *Journal of Mental Science*, 105:382-392, 1959.
- CALLAWAY, E., III: Non-empiric approaches from the basic sciences. A psychiatric viewpoint. In: Featherstone, R. M., and Simon, A., eds. *Pharmacologic approach to the study of the mind*. Springfield, Ill., Thomas, 1959.
- CALLAWAY, ENOCH, III: Day-to-day variability in relationship between electroencephalographic alpha phase and reaction time to visual stimuli. *New Academy of Sciences*, 92:1183-1186, 1961.
- CALLAWAY, ENOCH, III: Factors influencing the relationship between alpha activity and visual reaction time. *Electroencephalography and Clinical Neurophysiology*, 14:674-682, 1962.
- CALLAWAY, ENOCH, III: A method for harmonic dial calculation. *Psychophysiological Newsletter*, 8(3):6-9, 1962.
- CALLAWAY, ENOCH, III, and ALEXANDER, J. D.: The temporal coding of sensory data; An investigation of two theories. *Journal of General Psychology*, 62:293-309, 1960.
- CALLAWAY, ENOCH, III, and BAND, RAYMOND L.: Some psychopharmacological effects of atropine: Preliminary investigation of broadened attention. *A. M. A. Journal of Neurology, Neurosurgery and Psychiatry*, 79:91-102, 1958.
- CALLAWAY, ENOCH, III, and DEMBO, DONALD: Narrowed attention: A psychological phenomenon that accompanies a certain physiological change. *A. M. A. Journal of Neurology and Psychiatry*, 79:74-90, 1958.
- CALLAWAY, ENOCH, III, and ELLMAN, G. L.: Erythrocyte cholinesterase-levels in mental patients. *Nature*, 192:1216, 1961.
- CALLAWAY, ENOCH, III, and STONE, G. C.: Psychopharmacologic theories: A critical review. *Clinical Pharmacology and Therapeutics*, 1:247-267, 1960.
- CALLAWAY, ENOCH, III, and STONE, GEORGE C.: Re-evaluating focus of attention. In: Uhr, Leonard, and Miller, James G., eds. *Drugs and behavior*. New York, Wiley, 1960, p. 393-398.
- CALLAWAY, ENOCH, III, TRUITT, E. B., JR., BRAUDE, M. C., and KRANTZ, J. C., JR.: The pharmacology of myristicin: A contribution to the psychopharmacology of nutmeg. *Journal of Neuropsychiatry*, 2:205-210, 1961.
- CALLAWAY, ENOCH, III, and YEAGER, C. L.: Relations between human reaction time and EEG alpha phase. In: Proceedings of 7th International Congress, Society for Biological Rhythms, *Minerva Medica*, September, 1960.
- KLEE, G. D., BERTINO, J., and WEINTRAUB, W.: Clinical studies with LSD-25 and two substances related to serotonin. Part II. *Journal of Mental Science*, 106:301-308, 1960.
- KLEE, G. D., BERTINO, J., and WEINTRAUB, W.: The influence of varying dosage on the effects of lysergic acid diethylamide (LSD-25) in humans. *Journal of Nervous and Mental Diseases*, 132:404-409, 1961.
- LADOU, J., ELLMAN, G. L., EDMISTER, I. F., and CHRISTENSEN, R. L.: Correlates of manifest anxiety. *Journal of Psychosomatic Medicine*, 6:41-47, 1961.
- VANBUSKIR, CHARLES, and CALLAWAY, ENOCH, III: Observations on vibratory thresholds. *Confinia Neurologica*, 16:301-308, 1956.
- MH-864 (R17) KNAPP, PETER H.: Psychophysiological relationships in disease. Boston University, Boston, Mass. (1954-59)
- KNAPP, PETER H.: Sensory impressions in dreams. *Psychoanalytical Quarterly*, 25:325-347, 1956.
- KNAPP, PETER H.: Conscious and unconscious affects: A preliminary approach to concepts and methods of study. *Psychiatric Research Reports*, 8:55-74, 1958.
- KNAPP, PETER H., ed.: Expression of the emotions in man. New York, International Universities Press, 1963.
- KNAPP, PETER H., LEVIN, SIDNEY, McCARTER, ROBERT H., WERNER, HENRY, and ZETZEL, ELIZABETH: Suitability for psychoanalysis: A review of one hundred supervised analytic cases. *Psychoanalytic Quarterly*, 29:459-477, 1960. (Also acknowledges MH-2134).
- MH-867 (R17) LESSER, HENRY: Electrical brain activity and thought processes. Tulane University, New Orleans, La. (1954-59)
- LESSER, H.: Amygdaloid electrical activity during a conditioned response. In: Proceedings of the Fourth International Congress of Electroencephalography and Clinical Neurophysiology. Brussels, *Excerpta Medica*, 1957, p. 99-100.
- LESSER, H.: Electrographic recordings of amygdaloid activity during a conditioned response. *Federation Proceedings*, 16:79, 1957.
- LESSER, H.: Activite électrique du noyau amygdalien pendant le conditionnement. (Amygdaloid electrical activity during a conditioned response.) In: Van Bogaert, Ludo, and Radermecker, J., eds. *Electroencephalography, clinical neurophysiology and epilepsy*. (Proceedings of the First International Congress of Neurological Sciences.) Vol. 3. London, Pergamon Press, 1959, p. 177-180.

14/2: N21a/991

- LESSE, H.: Rhinencephalic electrophysiological activity during emotional behavior in cats. In: West, L. J., and Greenblatt, M., eds. *Explorations in the physiology of emotions*. Washington, D.C., American Psychiatric Association, 1960, p. 224-237.
- LESSE, H.: Discussion section five. In: West, L. J., and Greenblatt, M., eds. *Explorations in the physiology of emotions*. Washington, D.C., American Psychiatric Association, 1960.
- LESSE, H., HEATH, R. G., MICKLE, W. A., MONROE, R. R., and MILLER, W. H.: Rhinencephalic activity during thought. *Journal of Nervous and Mental Disease*, 122:433-440, 1955.
- LESSE, H., HEATH, R. G., MICKLE, W. A., MONROE, R. R., and MILLER, W. H.: Correlation of thought activity with subcortical electrical recordings. (Abstract) *Proceedings of the Society of Biological Psychiatry*, 10:7, 1955.
- LESSE, H., HEATH, R. G., MICKLE, W. A., MONROE, R. R., and MILLER, W. H.: Thought activity and subcortical electrical recordings. In: Recent advances in biological activity psychiatry. Transactions of the Society of Biological Psychiatry. Vol. 10. 1955, p. 14-16.
- MH-872 (R01) LANDIS, CARNEY: Sensory and motor tests of CNS efficiency. New York State Psychiatric Institute, New York, N.Y. (1954-59)
- DILLON, DONALD J.: Differences between ascending and descending flicker-fusion thresholds among groups of hospitalized psychiatric patients and a group of normal control persons. *Journal of Psychology*, 48:255-262, 1959.
- DILLON, DONALD J.: The variation of flicker-fusion thresholds among groups of hospitalized psychiatric patients. *Journal of Psychology*, 51:351-360, 1961. (Also acknowledges MH-3616).
- DILLON, DONALD J.: The variation of choice reaction time among groups of hospitalized psychiatric patients. *Journal of Psychology*, 52:105-114, 1961. (Also acknowledges MH-3616).
- DILLON, DONALD J.: Length judgment in psychotic and control populations. *Perceptual and Motor Skills*, 13:335-341, 1961. (Also acknowledges MH-3616).
- DILLON, DONALD J.: A test for patient-control differences with a modified version of the Mueller-Lyer illusion. *Perceptual and Motor Skills*, 13:391-397, 1961. (Also acknowledges MH-3616).
- LANDIS, CARNEY, DILLON, DONALD, and LEOPOLD, JULIUS: Changes in flicker-fusion threshold and in choice reaction time induced by electroconvulsive therapy. *Journal of Psychology*, 41:61-80, 1956.
- flicker-fusion threshold following insulin coma. (Abstract) *Federation Proceedings*, 16:76, 1957.
- LANDIS, CARNEY, DILLON, DONALD J., LEOPOLD, JULIUS, and RUTSCHMANN, J.: Changes in the level of blood sugar and sensory and motor performance brought about by insulin coma therapy. *Journal of Psychology*, 45:275-285, 1958.
- LANDIS, CARNEY, WHITTIER, DILLON, DONALD J., and LINK, RUTH: Clinical findings and psychophysiological tests of the effects of a new psychopharmacologic agent: Dornwal. *American Journal of Psychiatry*, 116:747-748, 1960.
- ROHRIG, WILLIAM C.: Psychomotor task with perfect recall after fifty weeks of no practice. *Perceptual and Motor Skills*, 19:547-550, 1964. (Also acknowledges MH-3616).
- RUTSCHMANN, J.: Oppel-Kundt illusion in normals and schizophrenic patients: An examination of the perceptual primitivization hypothesis. *Perceptual and Motor Skills*, 13:399-415, 1961. (Also acknowledges MH-3616).
- MH-875 (R01) WILLIAMS, HARRY L., and PFEIFFER, CARL C.: Drugs and metabolites in epilepsy and schizophrenia. Emory University, Atlanta, Ga. (1954-61) (Continued from MH-639).
- DEMAAR, E. W. J., WILLIAMS, H. L., MILLER, A. I., and PFEIFFER, C. C.: Effects in man of single and combined oral doses of reserpine, iproniazid, and D-lysergic acid dimethylamide. *Clinical Pharmacology and Therapeutics*, 1(1):23-30, 1960.
- DIXON, ROBERT H., and WILLIAMS, HARRY L.: The toxicity of pyridoxal and pyridoxal phosphate hydrazones in mice. (Abstract) *Federation Proceedings*, March-April, 1962, p. 338.
- FULCHER, J. HERSHEY, GALLAGHER, WILLIAM J., and PFEIFFER, CARL C.: Comparative lucid intervals after amobarbital, CO<sub>2</sub>, and arecoline in the chronic schizophrenic. *A. M. A. Archives of Neurology and Psychiatry*, 78:392-395, 1957.
- GOLDSTEIN, L.: Electroencephalographic analysis of the effect of 2-dimethylaminoethanol choline, and atropine on the rabbit brain. *Journal of Pharmacology and Experimental Therapeutics*, 128(4):392-396, 1960.
- GOLDSTEIN, L., and ALDUNATO, JORGE: Quantitative electroencephalographic studies on the effects of morphine and nalorpine on rabbit brain. *Journal of Pharmacology and Experimental Therapeutics*, 130(2):204-211, 1960.
- GOLDSTEIN, L., and MUNOZ, CARLOS: Influence of adrenergic stimulant and blocking drugs on cerebral electrical activity in curarized animals. *Journal of Pharmacology and Experimental Therapeutics*

- GROTH, D. P., BAIN, J. A., and PFEIFFER, C. C.: The comparative distribution of  $C^{14}$ -labeled 2-dimethylaminoethanol and choline in the mouse. *Journal of Pharmacology and Experimental Therapeutics*, 124(4):290-295, 1958.
- HONEGGER, C. G., and HONEGGER, R.: Occurrence and quantitative determination of 2-dimethylaminoethanol in animal tissue extracts. *Nature*, 184: 550-552, 1959.
- HONEGGER, C. G., and HONEGGER, R.: Volatile amines in brain. *Nature*, 185(4712):530-532, 1960.
- JENNEY, E. H.: Drug effects on electroconvulsive inhibition of conditioned avoidance response in rats. (Abstract) *Federation Proceedings*, 19:22, 1960.
- JENNEY, ELIZABETH H., and PFEIFFER, CARL C.: The predictable value of anticonvulsant indices. *Annals of New York Academy of Science*, 64:679-689, 1956.
- JENNEY, E. H., and PFEIFFER, C. C.: The convulsant effect of hydrazides and the antidotal effect of anticonvulsants and metabolites. *Journal of Pharmacology and Experimental Therapeutics*, 122(1): 110-123, 1958. (Also acknowledges MH-639).
- JORDAN, S. E., LASSLO, A., LIVINGSTON, H. J., ALPERIN, H., and GHRSING, A.: Comparative pharmacology of cocaine and the diethylamide derivative of cocaine. *Archives Internationales de Pharmacodynamie et de Therapie*, 114(4):452-473, 1958.
- KILLIAM, K. F.: Convulsant hydrazides: II. Comparison of electrical changes and enzyme inhibition induced by the administration of thiosemicarbazide. *Journal of Pharmacology and Experimental Therapeutics*, 119:263-271, 1957. (Also acknowledges MH-639).
- KILLIAM, K. F., and BAIN, J. A.: Convulsant hydrazides. I. In vitro and in vivo inhibition of vitamin B enzymes by convulsant hydrazides. *Journal of Pharmacology and Experimental Therapeutics*, 119:255-262, 1957. (Also acknowledges MH-639).
- LYON, J. B., JR., BAIN, J. A., and WILLIAMS, H. L.: The distribution of vitamin B<sub>6</sub> in the tissues of two inbred strains of mice fed complete and vitamin B<sub>6</sub>-deficient rations. *Journal of Biological Chemistry*, 237:1989-1991, 1962.
- MUNOZ, CARLOS, and GOLDSTEIN, L.: Influence of adrenergic blocking drugs upon the EEG analeptic effect of dl-amphetamine in conscious unrestrained rabbits. *Journal of Pharmacology and Experimental Therapeutics*, 132(3):354-359, 1961.
- MURPHREE, HENRY B.: Effects in human volunteers of subparalytic doses of dihydro- $\beta$ -erythroidine. *Clinical Pharmacology and Therapeutics*, 4(3): 304-310, 1963. (Also acknowledges MH-4229).
- MURPHREE, HENRY B., DIPPEY, ROY H., JENNEY, ELIZABETH, and PFEIFFER, CARL C.: Effects in normal man of  $\alpha$ -methyltryptamine and  $\alpha$ -ethyltryptamine. *Clinical Pharmacology and Therapeutics*, 2(6):722-726, 1961. (Also acknowledges MH-4229).
- MURPHREE, H. B., JENNEY, E. H., and PFEIFFER, C. C.: 2-dimethylaminoethanol as a central nervous system stimulant: One aspect of the pharmacology of reserpine. In: Braceland, F. J., ed. *The effect of pharmacologic agents on the nervous system*. Vol. 37. Baltimore, Williams & Wilkins, 1959, p. 204.
- MURPHREE, H. B., PFEIFFER, C. C., and BACKERMAN, IVAN A.: The stimulant effect of 2-dimethylaminoethanol (deanol) in human volunteer subjects. *Clinical Pharmacology and Therapeutics*, 1(3):303-310, 1960.
- PFEIFFER, CARL C.: Optical isomerism and pharmacological action, a generalization. *Science*, 124:29-31, 1956.
- PFEIFFER, C. C.: Parasympathetic neurohumors; Possible precursors and effect on behavior. *International Review of Neurobiology*, 1:195-244, 1959.
- PFEIFFER, CARL C., and DEMAAR, E. W. J.: Acetylcholine congeners: Structure activity of nicotinic and muscarinic action. (Abstract) *Federal Proceedings*, 16:327, 1957.
- PFEIFFER, CARL C., GOLDSTEIN, L., MUNOZ, CARLOS, MURPHREE, H. B., and JENNEY, E. H.: Quantitative comparisons of the electroencephalographic stimulant effects of Deanol, choline and amphetamine. *Clinical Pharmacology and Therapeutics*, 4(4):461-466, 1963. (Also acknowledges MH-4229).
- PFEIFFER, C. C., GROTH, D. P., and BAIN, J. A.: Choline versus dimethylaminoethanol (Deanol) as possible precursors of cerebral acetylcholine. *Biological Psychiatry*, Grune & Stratton, New York, p. 259, 1959.
- PFEIFFER, CARL C., and JENNEY, E. H.: The inhibition of the conditioned response and the counteraction of schizophrenia by muscarinic stimulation of the brain. *Annals of the New York Academy of Sciences*, 66:753-764, 1957.
- PFEIFFER, CARL C., JENNEY, ELIZABETH H., and MARSHALL, WILLIAM H.: Experimental seizures in man and animals with acute pyridoxine deficiency produced by hydrazides. *Electroencephalography and Clinical Neurophysiology*, 8:307-315, 1955. (Also acknowledges MH-639).
- PFEIFFER, C. C., MURPHREE, HENRY B., JENNEY, ELIZABETH H., ROBERTSON, MASON G., RANDALL, A. HENRY, and BRYAN, LAURANCE: Hallucinatory effect in man of acetylcholine inhibitors. *Neurology*, 9(4):249-250, 1959.

- PFEIFFER, C. C., RIOPELLE, A. J., SMITH, R. P., JENNY, E. H., and WILLIAMS, H. L.: Comparative study of the effect of meprobamate on the conditioned response, on strychnine and pentylenetetrazol thresholds on the normal electroencephalogram, and on polysynaptic reflexes. *Annals of the New York Academy of Sciences*, 67:734-743, 1957. (Also acknowledges MH-589).
- PRESTON, JAMES B.: Pentylenetetrazole and thiosemicarbazide: A study of convulsant activity in the isolated cerebral cortex preparation. *Journal of Pharmacology and Experimental Therapeutics*, 115(1):28-38, 1955. (Also acknowledges MH-639).
- PRESTON, JAMES B.: The influence of thiosemicarbazide on electrical activity recorded in the anterior brain stem of the cat. *Journal of Pharmacology and Experimental Therapeutics*, 115(1):39-45, 1955. (Also acknowledges MH-639).
- RIOPELLE, A. J., and PFEIFFER, C. C.: The effect of acute and chronic administration of reserpine on test performance on monkeys. *A. M. A. Archives of Neurology and Psychiatry*, 79:352-358, 1958. (Also acknowledges MH-589).
- SMITH, R. P., and BEVAN, W.: Maze performance, emotionality, audiogenic seizure susceptibility in rats and mice treated with 2-dimethylaminoethanol (23484). *Proceedings of the Society for Experimental Biology and Medicine*, 96:382-385, 1957.
- SMITH, R. P., WAGMAN, A. I., PFEIFFER, C. C., and RIOPELLE, A. J.: Effects of some tranquilizing and depressant drugs on conditioned avoidance behavior in monkeys. *Journal of Pharmacology and Experimental Therapeutics*, 119:317-323, 1957. (Also acknowledges MH-589).
- WILLIAMS, H. L., and WIEGAND, R. G.: Xanthurenic acid excretion and possible pyridoxine deficiency produced by isonicotinic acid hydrazide and other convulsant hydrazides. *Journal of Pharmacology and Experimental Therapeutics*, 128(4):344-348, 1960.
- MH-883 (R01) WALLACE, ANTHONY F. C.: Mental health aspects of cultism. University of Pennsylvania, Philadelphia, Pa. (1954-55) (Continued as MH-1106).
- WALLACE, A. F. C.: Revitalization movements. *American Anthropologist*, 58:264-281, 1956.
- WALLACE, A. F. C.: Stress and rapid personality changes. *International Record of Medicine and General Practice Clinics*, 169:761-774, 1956. (Also acknowledges MH-1106).
- WALLACE, A. F. C.: New religions among the Delaware Indians, 1600-1900. *Southwestern Journal of Anthropology*, 2:1-21, 1956. (Also acknowledges MH-1106).
- WALLACE, A. F. C.: Mazeway resynthesis: A biocultural theory of religious inspiration. *Transactions of the New York Academy of Science*, 18 (Series II):626-638, 1956. (Also acknowledges MH-1106).
- WALLACE, ANTHONY F. C.: The Dekanawidjah myth analyzed as the record of a revitalization movement. *Ethnohistory*, 5:118-130, 1958. (Also acknowledges MH-1106).
- WALLACE, ANTHONY F. C.: Cultural determinants of response to hallucinatory experience. *A. M. A. Archives of General Psychiatry*, 1:58-69, 1955. (Also acknowledges MH-1106).
- WALLACE, ANTHONY F. C.: The institutionalization of cathartic and control strategies in frequency religious psychotherapy. In: Opler, Marvin K., ed. *Culture and mental health*. New York, MacMillan, 1959, p. 63-96. (Also acknowledges MH-1106).
- WALLACE, ANTHONY F. C.: Towards a classification of cult movements: Some further contributions. *Man*, 59:25-26, 1959. (Also acknowledges MH-1106).
- WALLACE, ANTHONY F. C.: Schools in revolutionary and conservative societies. In: Gubler, Frederic C., ed. *Anthropology and education*. Philadelphia, University of Pennsylvania, 1961, p. 27. (Also acknowledges MH-1106).
- WALLACE, ANTHONY F. C.: Cultural composition of the Handsome Lake religion. In: Fenton, W. J., & Gulick, John, eds. *Symposium on Cherokee-Iroquois culture*. Washington, D. C., Bureau of American Ethnology, 1961, p. 139-151. (Also acknowledges MH-1106).
- WALLACE, ANTHONY F. C.: Cultural revitalization: A function of religion in human history and evolution. Boston, Institute for Religion in an Age of Science, 1962, 24 p. (Also acknowledges MH-1106).
- WALLACE, ANTHONY F. C.: Mass hysteria. In: Deutsch, Albert, ed. *Encyclopedia of mass health*. New York, Franklin Watts, 1963, p. 997. (Also acknowledges MH-1106).
- WALLACE, ANTHONY F. C.: Exporting the American idea: Quaker technology and the Senecas. *Today Review*, April, 1963, p. 54-56. (Also acknowledges MH-1106).
- MH-884 (R01) SUTHERLAND, ARTHUR M.: Psychological reactions to stress of cancer. Sloan Kettering Institute for Cancer Research, New York, 1959 (1954-59).
- ORBACH, CHARLES E., and BIEBER, IRVING: Defensive and paranoid reactions. *Archives of Neurology and Psychiatry*, 78:301-311, 1957.
- SCHON, MARTHA: Psychological effects of hysterectomy in women with metastatic breast cancer. *Cancer*, 11:95-98, 1958.

- SCHON, MARTHA: The effects of hyperhysectomy on intellectual functioning. *Journal of Mental Science*, 104:743-748, 1958.
- SCHON, MARTHA: Hypophysectomy as a psychological experience. *Diseases of the Nervous System* 24(4):475-483, 1963.
- SCHON, MARTHA, and BARD, MORTON: The effect of hypophysectomy on personality in women with metastatic breast cancer as revealed by the Rorschach test. *Journal of Projective Techniques*, 22(4):440-445, 1958.
- SCHON, MARTHA, and SUTHERLAND, ARTHUR M.: The relationship of pituitary hormones to sexual behavior in women. In: *Advances in sex research*. New York, Hoeber-Harper, 1963, p. 33-47. (Also acknowledges MH-1118).
- SCHON, MARTHA, and WAXENBERG, SHELDON E.: Effect of hypophysectomy on Bender-Gestalt test performance. *Journal of Clinical Psychology*, 14:2993-3002, 1958. (Also acknowledges MH-1118).
- WAXENBERG, SHELDON E.: Some biological correlates of sexual behavior. In: Winokur, G., ed. *Determinants of human sexual behavior*. Springfield, Illinois, C. C. Thomas, 1963, p. 52-75. (Also acknowledges MH-1118).
- WAXENBERG, SHELDON E., DRELICH, MARVIN G., and SUTHERLAND, ARTHUR M.: The role of hormones in human behavior I. Changes in female sexuality after adrenalectomy. *Journal of Clinical Endocrinology and Metabolism*, 19:193-202, 1959. (Also acknowledges MH-1118).
- WAXENBERG, S. E., FINKBEINER, J. A., DRELICH, M. G., and SUTHERLAND, A. M.: The role of hormones in human behavior. II. Changes in sexual behavior in relation to vaginal smears of breast cancer patients after oophorectomy and adrenalectomy. *Psychosomatic Medicine*, 22:435-442, 1960. (Also acknowledges MH-1118).
- MH-887 (R01) COHEN, LOUIS D.: The assessment of change in anxiety level. Duke University, Durham, N.C. (1954-59)
- COHEN, L. D., and THOMAS, DAVID R.: Decision and motor components of reaction time as a function of anxiety level and task complexity. (Abstract) *American Psychologist*, 12:420, 1957.
- GOLDSTONE, SANFORD: Flicker fusion measurements and anxiety level. *Journal of Experimental Psychology*, 49:200-202, 1955.
- JONES, ORA: Relationships between visual and auditory discrimination level and anxiety level. *Journal of General Psychology*, 59:111-118, 1958.
- JONES, ORA, and COHEN, L. D.: Relationship between visual and auditory discrimination and anxiety level. (Abstract) *American Psychologist*, 10:387, 1955.
- WAGONER, ROBERT A.: Differences in response latency and response variability between high and low anxiety subjects in a flicker fusion task. *Journal of Abnormal and Social Psychology*, 61:355-359, 1960.
- WAGONER, ROBERT A., and COHEN, L. D.: Response latency of anxious and non-anxious groups in a flicker fusion task. (Abstract) *American Psychologist*, 11:375, 1956.
- WAGONER, ROBERT A., and COHEN, L. D.: Analysis of patterns of response of anxious and non-anxious subjects to a flickering light. *Perceptual and Motor Skills*, 6:167-170, 1956.
- MH-891 (R01) WATSON, JEANNE, FOOTE, NELSON N., and RIESMAN, DAVID: Functions of play in developing adulthood. University of Chicago, Chicago, Ill. (1955-59)
- FEIGENBAUM, KENNETH: Sociable groups as pre-political behavior. *PROD*, 2(3):29-31, 1959.
- RIESMAN, DAVID, POTTER, ROBERT J., and WATSON, JEANNE: The vanishing host. *Human Organization*, 19(1):17-27, 1960.
- RIESMAN, DAVID, POTTER, ROBERT J., and WATSON, JEANNE: Sociability, permissiveness, and equality: A preliminary formulation. *Psychiatry*, 23(4):323-340, 1960. Also in: Riesman, David, ed., *Abundance for what?* New York, Doubleday, 1964.
- RIESMAN, DAVID, and WATSON, JEANNE: The sociability project: A chronicle of frustration and achievement. In: Hammond, Phillip E., ed. *Sociologist at work*. New York, Basic Books, 1964, p. 235-321.
- WATSON, JEANNE: A formal analysis of sociable interaction. *Sociometry*, 21(4):269-280, 1958. Also in: Hollander, E. P., and Hunt, R. G., eds. *Current perspectives in social psychology*. New York, Oxford University Press, 1963.
- WATSON, JEANNE, and POTTER, ROBERT J.: An analytic unit for the study of interaction. *Human Relations*, 15(3):245-263, 1962.
- MH-895 (R01) BANDURA, ALBERT: Therapists anxiety level, self-insight and competence. Stanford University, Stanford, Calif. (1954-55)
- BANDURA, A.: Psychotherapist's anxiety level, self-insight, and psychotherapeutic competence. *Journal of Abnormal and Social Psychology*, 52:333-337, 1956.
- MH-896 (R01) PHILLIPS, LESLIE: Parent-child interaction and cognitive development. Clark University, Worcester, Mass. (1954-62)
- BROOKS, MARJORIE O., and PHILLIPS, L.: The cognitive significance of Rorschach developmental scores. *Journal of Personality*, 26(2):268-290, 1958.



- BROVERMAN, D. M.: Dimensions of cognitive style. *Journal of Personality*, 28(2):167-185, 1960.
- BROVERMAN, D. M.: Cognitive style and intra-individual variation in abilities. *Journal of Personality*, 28(2):240-256, 1960.
- BROVERMAN, D. M.: Effects of score transformations in Q and R factor analysis techniques. *Psychological Review*, 68(1):68-80, 1961.
- BROVERMAN, D. M.: Normative and ipsative measurement in psychology. *Psychological Review*, 69(4):295-305, 1962.
- BROVERMAN, D. M., JORDAN, E. J., JR., and PHILLIPS, L.: Achievement motivation in fantasy and behavior. *Journal of Abnormal and Social Psychology*, 60(3):374-378, 1960.
- CAINE, J., and FILLENDAUM, GERDA RAND: The relation of person naming and tension to prognosis and adjustment of chronic mental patients. *Journal of Clinical Psychology*, 16(3):252-256, 1960.
- FEFFER, M. H.: The influence of affective factors on conceptualization in schizophrenia. *Journal of Abnormal and Social Psychology*, 63(3):588-596, 1961.
- FEFFER, M. H., and GOUREVITCH, VIVIAN: Cognitive aspects of role-taking in children. *Journal of Personality*, 28(4):383-396, 1960.
- FEFFER, MELVIN, and PHILLIPS, LESLIE: Social attainment and performance under stress. *Journal of Personality*, 22:284-297, 1953.
- FREEMAN, H., PARSONS, O. A., FEFFER, M. H., PHILLIPS, D. L., DANEMAN, E. A., ELMADJIAN, F., BLOCH, E., DORFMAN, R. I., and PINCUS, G.: Steroid replacement in aged men. *Journal of Clinical Endocrinology and Metabolism*, 16(6):779-789, 1956.
- GOUREVITCH, VIVIAN, and FEFFER, M. H.: A study of motivational development. *Journal of Genetic Psychology*, 100:361-375, 1962.
- LANE, JOHN E.: Social effectiveness and developmental level. *Journal of Personality*, 23:274-284, 1955.
- LIPTON, H., KADEN, S., and PHILLIPS, L.: Rorschach scores and decontextualization: A developmental view. *Journal of Personality*, 26(2):291-302, 1958.
- PARSONS, O. A.: Status needs and performance under failure. *Journal of Personality*, 26(1):123-138, 1958.
- PHILLIPS, LESLIE: Social effectiveness and symptomatic behaviors. *Journal of Abnormal and Social Psychology*, 57(2):181-186, 1958.
- PHILLIPS, L., and RABINOVITCH, M. S.: Social role and patterns of symptomatic behaviors. *Journal of Abnormal and Social Psychology*, 57(2):181-186, 1958.
- PHILLIPS, L., and ZIGLER, E.: Social competence: The action-thought parameter and vicariousness in normal and pathological behaviors. *Journal of Abnormal and Social Psychology*, 63(1):137-146, 1961.
- PODELL, J. E., and PHILLIPS, L.: A developmental analysis of cognition as observed in dimensions of Rorschach and objective test performance. *Journal of Personality*, 27(4):439-463, 1959.
- SJOSTEDT, ELSI MARIE, and HURWITZ, I.: A developmental study of sexual functioning by means of a cognitive analysis. *Journal of Projective Techniques*, 23(2):237-246, 1959.
- SMITH, L. C., JR., and PHILLIPS, L.: Social effectiveness and developmental level in adolescence. *Journal of Personality*, 27(2):240-249, 1959.
- ZIGLER, E., and PHILLIPS, L.: Social effectiveness and symptomatic behaviors. *Journal of Abnormal and Social Psychology*, 61(2):231-238, 1960.
- ZIGLER, E., and PHILLIPS, L.: Psychiatric diagnosis and symptomatology. *Journal of Abnormal and Social Psychology*, 63(1):69-75, 1961.
- ZIGLER, E., and PHILLIPS, L.: Social competence and outcome in psychiatric disorder. *Journal of Abnormal and Social Psychology*, 63(2):264-271, 1961.
- ZIGLER, E., and PHILLIPS, L.: Psychiatric diagnosis: A critique. *Journal of Abnormal and Social Psychology*, 63(3):607-618, 1961.
- ZIGLER, E., and PHILLIPS, L.: Case history data and psychiatric diagnosis. *Journal of Consulting Psychology*, 25(5):458, 1961.
- ZIGLER, E., and PHILLIPS, L.: Social competence and the process-reactive distinction in psychopathology. *Journal of Abnormal and Social Psychology*, 63(4):215-222, 1962.
- MH-897 (R01) ANDERSON, JOHN E., and HARRIS, DALE B.: Relation of childhood behavior to adult adjustment. University of Minnesota, Minneapolis, Minn. (1954-62)
- ANDERSON, JOHN E.: Experience and behavior in early childhood and the adjustment of the same persons as adults: A report to the participants in the study. Minneapolis, Minn., Institute of Child Development, University of Minnesota, 1962.

- Boston, Mass. (1954-59) (Continued as MH-3325).
- FINEMAN, JOANN: Observations on the development of imaginative play in early childhood. *Journal of the American Academy of Child Psychiatry*, 1(1):167-181, 1962. (Also acknowledges MH-3325).
- PAVENSTEDT, ELEANOR: Study of immature mothers and their children. In: Caplan, Gerald, ed. *Prevention of mental disorders in children*. New York, Basic Books, 1961, p. 192-217. (Also acknowledges MH-3325).
- PAVENSTEDT, E.: A comparison of the child-rearing environment of upper-lower and very low-lower class families. *American Journal of Orthopsychiatry*, 35:89-98, 1965. (Also acknowledges MH-3325).
- SANDER, LOUIS W.: Issues in early mother-child interaction. *Journal of the American Academy of Child Psychiatry*, 1(1):141-166, 1962. (Also acknowledges MH-3325).
- SANDER, LOUIS W.: Adaptive relationships in early mother-child interaction. *Journal of the American Academy of Child Psychiatry*, 3:231-264, 1964. (Also acknowledges MH-3325).
- STECHLER, G.: A longitudinal follow-up of neonatal apnea. *Child Development*, 35:333-348, 1964. (Also acknowledges MH-3325).
- MH-900 (R01) BUSSE, EWALD W.: Effect of aging upon the central nervous system. Duke University, Durham, N.C. (1954-63)
- ALTROCCHI, J., and EISDORFER, C.: Comparison of attitudes toward old age, mental illness, and other concepts. In: Tibbitts, C., and Donahue, W., eds. *Social and psychological aspects of aging*. New York, Columbia University Press, 1962, p. 860-865.
- AXELROD, SEYMOUR: Severe visual handicaps and kinesthetic figural after-effects. *Perceptual and Motor Skills*, 13:151-154, 1961. (Also acknowledges MH-2109).
- AXELROD, SEYMOUR: Cognitive tasks in several modalities. In: Williams, R. H., Tibbitts, C., and Donahue, Wilma, eds. *Processes of aging*. New York, Atherton Press, 1963, p. 132-145. (Also acknowledges MH-2109).
- AXELROD, S., and EISDORFER, C.: Attitudes toward old people: An empirical analysis of the stimulus-group validity of the Tuckman-Lourge questionnaire. *Journal of Gerontology*, 16:75-80, 1961. (Also acknowledges MH-2109).
- AXELROD, S., and EISDORFER, C.: Senescence and figural after-effects in two modalities. *Journal of Genetic Psychology*, 100:85-91, 1962. (Also acknowledges MH-2109).
- AXELROD, S., and EISDORFER, C.: Auditory time-error and context effects in the aged. In: Tibbitts, C., and Donahue, W., eds. *Social and psychological aspects of aging*. New York, Columbia University Press, 1962, p. 774-781.
- AXELROD, S., and THOMPSON, L. W.: On visual changes of reversible figures and auditory changes in meaning. *American Journal of Psychology*, 75(4):673-674, 1962. (Also acknowledges MH-2109).
- BARNES, R. H., BUSSE, E. W., and FRIEDMAN, E. L.: The psychological functioning of aged individuals with normal and abnormal electroencephalograms: A study of hospitalized individuals. *Journal of Nervous and Mental Disorders*, 124:585-593, 1956.
- BARNES, R. H., BUSSE, E. W., and SILVERMAN, A. J.: The interrelationships between psychic and physical factors in the production of mental illness in the aged. *North Carolina Medical Journal*, 16:25-28, 1955.
- BOTWINICK, JACK, and THOMPSON, LARRY W.: Premotor and motor components of reaction time. *Journal of Experimental Psychology*, 71(1):9-15, 1966.
- BROWN, R. G.: Family structure and social isolation of older persons. *Journal of Gerontology*, 15:170-174, 1960.
- BUSSE, E. W.: Treatment of the non-hospitalized emotionally disturbed elderly person. *Geriatrics*, 11:173-179, 1956.
- BUSSE, E. W.: Mental health in advanced maturity. In: Donahue, W., and Tibbitts, C., eds. *The new frontiers of aging*. Ann Arbor, Mich., University of Michigan Press, 1957, p. 143-151.
- BUSSE, E. W.: What is a realistic attitude in regard to research in aging. In: Proceedings of the 1st International Conference of the Joint Council to Improve the Health Care of the Aged. Washington, D.C., June, 1959, p. 36-40. (Also acknowledges MH-2109).
- BUSSE, E. W.: Aging and personal relations. In: Shock, Nathan, ed. *Aging, some social and biological aspects*. Baltimore, Md., Horn-Shafer, 1960, p. 223-234. (Also acknowledges MH-2109).
- BUSSE, E. W.: The lack of progress in geriatric psychiatry. *Excerpta Medica: Gerontology and Geriatrics*, 3:3-6, 1960.
- BUSSE, E. W.: Problems affecting psychiatric care of the aging. *Geriatrics*, 15:673-680, 1960.
- BUSSE, E. W.: Clinical principles underlying administrative practices. *Mental Hospitals*, 11(2):17-19, 1960. (Also acknowledges MH-2109).
- BUSSE, E. W.: The health and adjustment of the aged person. *North Carolina Medical Journal*,

- 21:504-508, 1960. (Also acknowledges MH-2109).
- BUSSE, E. W.: Mental disorders of the aging. In: Johnson, W. M., ed. *The older patient*. New York, Paul B. Hoeber, 1960, p. 513-542. (Also acknowledges MH-2109).
- BUSSE, E. W.: Current research on aging. *Public Health Reports*, 75:1119-1120, 1960. (Also acknowledges MH-2109).
- BUSSE, E. W.: How to handle the elderly hypochondriac. *Medical Economics*, 38:104-108, 1961. (Also acknowledges MH-2109).
- BUSSE, E. W.: Psychoneurotic reactions and defense mechanisms in the aged. In: Hock, Paul, and Zubin, Joseph, eds. *Psychopathology of aging*. New York, Grune & Stratton, 1961, p. 274-284. (Also acknowledges MH-2109).
- BUSSE, E. W.: Spotlight on research. *Rehabilitation Record*, 2(2):31-35, 1961. (Also acknowledges MH-2109).
- BUSSE, E. W.: Some emotional complications of chronic disease. *Gerontologist*, 2:153-156, 1962. (Also acknowledges MH-2109).
- BUSSE, E. W.: Findings from the Duke Geriatrics Research Project on the effects of aging upon the nervous system. In: Blumenthal, H. T., ed. *Medical and clinical aspects of aging*. New York, Columbia University Press, 1962, p. 115-124. Also in: Tibbitts, Clark, and Donahue, Wilma, eds. *Social and psychological aspects of aging*. New York, Columbia University Press, 1962, p. 678-690. (Also acknowledges MH-2109).
- BUSSE, E. W.: Identifying and meeting the emotional needs of the geriatric patient. In: Proceedings, Workshop on improved care to ambulatory geriatric patients. Williamsburg, Virginia, November 1962, p. 9-18. (Also acknowledges MH-2109).
- BUSSE, E. W.: Helping your older patients adjust to impaired perception. *Consultant*, 3:40-42, 1963.
- BUSSE, E. W., BARNES, R. H., and COHEN, L. D.: Factors producing ego disintegration in the aged. *North Carolina Medical Journal*, 16:528-532, 1955.
- BUSSE, E. W., BARNES, R. H., FRIEDMAN, E. L., and KELTY, E. J.: Psychological functioning of aged individuals with normal and abnormal electroencephalograms: I. A study of non-hospitalized community volunteers. *Journal of Nervous and Mental Disease*, 124:135-141, 1956.
- BUSSE, E. W., BARNES, R. H., SILVERMAN, A. J., THALER, M. B., SHY, G. M., and FROST, L. L.: Studies of processes of aging: IV. Factors that
- BUSSE, E. W., BARNES, R. H., and SILVERMAN, A. J.: Studies of processes of aging: Behavior patterns in the aged and their relationship to adjustment. *Disorders of the Nervous System*, 15: 22-26, 1954.
- BUSSE, E. W., BARNES, R. H., SILVERMAN, A. J., THALER, M. B., and FROST, L. L.: Studies of processes of aging: The strengths and weaknesses of psychic functioning in the aged. *American Journal of Psychiatry*, 111:896-901, 1955.
- BUSSE, E. W., and DOVENMUEHLE, R. H.: Neurotic symptoms and predisposition in aging people. *Journal of the American Geriatric Society*, 8:328-336, 1960. (Also acknowledges MH-2109).
- BUSSE, E. W., DOVENMUEHLE, R. H., and BROWN, R. G.: Psychoneurotic reactions of the aged. *Geriatrics*, 15:97-105, 1960. (Also acknowledges MH-2109).
- BUSSE, E. W., FLEIDER, D. E., and BORTZ, E., eds.: Background paper on research in gerontology: Medical. Washington, D.C., U.S. Government Printing Office, 1960, 139 p. (Also acknowledges MH-2109).
- BUSSE, E. W., JEFFERS, F. C., and OBRIST, W. D.: Factors in age awareness. In: *Proceedings of the 4th International Congress of Gerontology*, 3:349-357, 1957. (Also acknowledges MH-2109).
- BUSSE, E. W., and NICHOLS, C. R.: Emotional disturbances of older people. *Medical Times*, 86: 263-268, 1958.
- BUSSE, E. W., and OBRIST, W. D.: Significance of focal electroencephalographic changes in the elderly. *Postgraduate Medicine*, 34:179-182, 1963.
- BUSSE, E. W., and RECKLESS, J. B.: Psychiatric management of the aged. *Journal of the American Medical Association*, 175:645-648, 1961. (Also acknowledges MH-2109).
- DOVENMUEHLE, R. H.: Health and aging. *Journal of Health and Human Behavior*, 1:273-277, 1960. (Also acknowledges MH-2109).
- DOVENMUEHLE, R. H.: Aging vs. illness. In: Proceedings of the 2nd National Conference of the Joint Council to Improve the Health Care of the Aged. Chicago, 1961, p. 37-48. (Also acknowledges MH-2109).
- DOVENMUEHLE, R. H.: Hospitalization of the elderly psychiatrically ill. In: Williams, R. H., Tibbitts, C., and Donahue, W., eds. *Processes of aging*. New York, Prentice-Hall, 1963, p. 247-268. (Also acknowledges MH-2109).
- DOVENMUEHLE, R. H., and BUSSE, E. W.: Studies of the process of ageing: A review of the findings of a multidisciplinary approach. *British Journal of Physiological Medicine*, 19:100-103, 1956.

- Journal of the American Gerontology Society*, 9: 208-217, 1961. (Also acknowledges MH-2109).
- DOVENMUEHLE, R. H., BUSSE, E. W., and NEWMAN, E. G.: Psychiatric problems of the non-institutionalized elderly: Some observations on methodological approach. In: Transactions of 7th Annual Conference, VA Cooperative Chemotherapy Studies in Psychiatry and Broad Research Approaches to Mental Illness, Cincinnati, Ohio, March 26-28, 1962. (Also acknowledges MH-2109).
- DOVENMUEHLE, ROBERT H., and MCGOUGH, EDWARD: Aging, culture and affect: Predisposing factors. *International Journal of Social Psychiatry*, 11(1):138-146, 1965.
- DOVENMUEHLE, R. H., NEWMAN, E. G., and BUSSE, E. W.: Physical problems of psychiatrically hospitalized elderly persons. *Journal of the American Geriatrics Society*, 8:838-846, 1960. (Also acknowledges MH-2109).
- DOVENMUEHLE, R. H., RECKLESS, J. B., and NEWMAN, E. G.: Depressive reactions in the elderly. In: Blumenthal, H. T., ed. *Medical and clinical aspects of aging*. New York, Columbia University Press, 1962, p. 63. (Also acknowledges MH-2109).
- DOVENMUEHLE, R. H., and VERWOERDT, A.: Physical illness and depressive symptomatology: Incidence of depressive symptoms in hospitalized cardiac patients. *Journal of the American Geriatrics Society*, 10:932-947, 1962. (Also acknowledges MH-2109).
- DOVENMUEHLE, R. H., and VERWOERDT, A.: Physical illness and depressive symptomatology: Factors of length and severity of illness and frequency of hospitalization. *Journal of Gerontology*, 18:260-266, 1963. (Also acknowledges MH-2109).
- EISDORFER, C.: Rorschach rigidity and sensory decrement in a senescent population. *Journal of Gerontology*, 15:188-190, 1960. (Also acknowledges MH-2109).
- EISDORFER, C.: Developmental level and sensory impairment in the aged. *Journal of Projective Techniques*, 24:129-132, 1960. (Also acknowledges MH-2109).
- EISDORFER, C.: Changes in cognitive functioning in relation to intellectual level in senescence. In: Tibbitts, C., and Donahue, W., eds. *Social and psychological aspects of aging*. New York, Columbia University Press, 1962, p. 888-896. (Also acknowledges MH-2109).
- EISDORFER, CARL: Verbal learning and response time in the aged. *Journal of Genetic Psychology*, 107: 15-22, 1965. (Also acknowledges MH-2109).
- EISDORFER, C., and ALTROCCHI, J.: A comparison of attitudes toward old age and mental illness. *Journal of Gerontology*, 16:340-343, 1961. (Also acknowledges MH-1599 and MH-2109).
- EISDORFER, CARL, and AXELROD, SEYMOUR: Senescence and figural aftereffects in two modalities: A correction. *Journal of Genetic Psychology*, 104: 193-197, 1964. (Also acknowledges MH-2109).
- EISDORFER, C., BUSSE, E. W., and COHEN, L. D.: The WAIS performance of an aged sample: The relationship between verbal and performance IQs. *Journal of Gerontology*, 14:197-201, 1959.
- EISDORFER, C., and COHEN, L. D.: The generality of WAIS standardization for the aged: A regional comparison. *Journal of Abnormal and Sociological Psychology*, 62:520-527, 1961. (Also acknowledges MH-2109).
- FRAYSER, R., KNISELY, W. H., BARNES, R., and SATTERWHITE, W. M.: In vivo observations on the conjunctival circulation in elderly subjects. *Journal of Gerontology*, 19:494-500, 1964.
- HEYMAN, D. K., and JEFFERS, F. C.: Effect of time lapse on consistency of self-health and medical evaluations of elderly persons. *Journal of Gerontology*, 18:160-164, 1963. (Also acknowledges MH-2109).
- HEYMAN, D. K., and JEFFERS, F. C.: Study of the relative influences of race and socio-economic status upon the activities and attitudes of a southern aged population. *Journal of Gerontology*, 19: 225-229, 1964. (Also acknowledges MH-2109).
- JEFFERS, FRANCIS C., ed.: Duke University council on gerontology. Proceedings of seminar 1958-1959. Durham, North Carolina, Duke University, 1959, 88 p. (Also acknowledges MH-2109).
- JEFFERS, F. C.: Interdisciplinary research on aging: Participation of the social worker. *Geriatrics*, 17: 246-250, 1962. (Also acknowledges MH-2109).
- JEFFERS, F. C., EISDORFER, C., and BUSSE, E. W.: Measurement of age identification: A methodologic note. *Journal of Gerontology*, 17:437-439, 1962. (Also acknowledges MH-2109).
- JEFFERS, F. C., and NICHOLS, C. R.: The relationship of activities and attitudes to physical well-being in older people. *Journal of Gerontology*, 16:67-70, 1961. (Also acknowledges MH-2109).
- JEFFERS, F. C., NICHOLS, C. R., and EISDORFER, C.: Attitudes of older persons toward death: A preliminary study. *Journal of Gerontology*, 16:53-56, 1961. (Also acknowledges MH-2109).
- JEFFERS, F. C., NICHOLS, C. R., and EISDORFER, C.: Attitudes of older persons toward death. In: Tibbitts, Clark, and Donahue, Wilma, eds. *Social and psychological aspects of aging*. New York, University of Columbia Press, 1962, p. 709-715. (Also acknowledges MH-2109).
- LAKIN, M., and EISDORFER, C.: Affective expression among the aged. *Journal of Projective Tech-*

- niques, 24:403-408, 1960. Also in: Tibbitts, C., and Donahue, W., eds. *Social and psychological aspects of aging*. New York, Columbia University Press, 1962, p. 650-654. (Also acknowledges MH-2109).
- MADDOX, G. L.: Some correlates of differences in self-assessment of health status among the elderly. *Journal of Gerontology*, 17:180-185, 1962.
- MADDOX, GEORGE L.: A longitudinal multidisciplinary study of human aging: Selected methodological issues. In: Proceedings of the Social Statistics Section of the American Statistical Association, 1962, p. 280-284. (Also acknowledges MH-2109).
- MADDOX, G. L.: Activity and morale: A longitudinal study of selected elderly subjects. *Social Forces*, 42:195-204, 1963.
- MADDOX, G. L., and EISDORFER, C.: Some correlates of activity and morale among the elderly. *Social Forces*, 40:254-260, 1962.
- NEWMAN, E. G., DOVENMUEHLE, R. H., and BUSSE, E. W.: Alterations in neurologic status with age. *Journal of the American Gerontology Society*, 8: 915-917, 1960. (Also acknowledges MH-2109).
- NEWMAN, E. G., and NICHOLS, C. R.: Sexual activities and attitudes in older persons. *Journal of the American Medical Association*, 173:33-35, 1960. (Also acknowledges MH-2109).
- NICHOLS, C. R., and BUSSE, E. W.: Some aspects of mental health and illness in the aged. *North Carolina Medical Journal*, 19:352-354, 1958. (Also acknowledges MH-2109).
- OBRIST, W. D., and BUSSE, E. W.: Relation of electroencephalogram to intellectual function in senescence. In: Blumenthal, H. T., ed. *Medical and clinical aspects of aging*. New York, Columbia University Press, 1962, p. 565.
- OBRIST, W. D., BUSSE, E. W., EISDORFER, C., and KLEEMEIER, R. W.: Relation of the EEG to intellectual function in senescence. *Journal of Gerontology*, 17:197-206, 1962.
- OBRIST, W. D., BUSSE, E. W., and HENRY, C. E.: Relation of electroencephalogram to blood pressure in elderly persons. *Neurology*, 11:151-158, 1961. (Also acknowledges MH-834).
- OBRIST, W. D., SOKOLOFF, L., LASSEN, N. A., LANE, M. H., BUTLER, R. N., and FEINBERG, I.: Relation of EEG to cerebral blood flow and metabolism in old age. *Electroencephalography and Clinical Neurophysiology*, 15:610-619, 1963. (Also acknowledges MH-834).
- SILVERMAN, A. J., BUSSE, E. W., and BARNES, R. H.: Studies in the processes of aging: Electroencephalographic findings in 400 elderly subjects. *Electroencephalography and Clinical Neurophysiology*, 7:67-75, 1955.
- SILVERMAN, A. J., BUSSE, E. W., BARNES, R. H., FROST, LAWRENCE L., and THALER, M. B.: Physiologic influences on psychic functioning in elderly people. *Geriatrics*, 8:370-376, 1953.
- SILVERMAN, M., PARKER, J. B., and BUSSE, E. W.: A review of drugs in the elderly psychiatric patient. *North Carolina Medical Journal*, 20:428-432, 1959. (Also acknowledges MH-2109).
- THOMPSON, L. W., AXELROD, S., and COHEN, L. D.: Senescence and visual identification of tactual-kinesthetic forms. *Journal of Gerontology*, 20(2): 244-249, 1965. (Also acknowledges MH-2109).
- THOMPSON, L. W., NICHOLS, C. R., and OBRIST, W. D.: Relation of serum cholesterol to age, sex, and race in an elderly community group. *Journal of Gerontology*, 20(2):160-164, 1965.
- THOMPSON, LARRY W., and THOMPSON, VAIDA D.: Comparison of EEG changes in learning and over-learning of nonsense syllables. *Psychological Reports*, 16(2):339-344, 1965. (Also acknowledges MH-2109).
- THOMPSON, LARRY W., and WILSON, STUART: Electrocortical reactivity and learning in the elderly. *Journal of Gerontology*, 21(1):45-51, 1966.
- TINDALL, J. P., and SMITH, J. G.: Skin lesions of the aged and their association with internal changes. *Journal of the American Medical Association*, 186:1039-1042, 1963.
- VERWOERDT, ADRIAAN, and DOVENMUEHLE, ROBERT H.: Physical illness and depressive symptomatology. IV. Personal factors in the grief reaction. *Journal of Gerontology*, 20(4):470-478, 1965. (Also acknowledges MH-2109).
- MH-901 (R01) LEVIN, HARRY, and BALDWIN, ALFRED L.: Pride and shame in children. Cornell University, Ithaca, N.Y. (1955-61)
- BALDWIN, A. L., and LEVIN, H.: Effects of public and private success or failure on children's repetitive motor behavior. *Child Development*, 29:363-372, 1958.
- COOPERSMITH, STANLEY: A method for determining type of self-esteem. *Journal of Abnormal and Social Psychology*, 59:87-94, 1959.
- LEVIN, H., and BALDWIN, A. L.: The choice to exhibit. *Child Development*, 29:373-380, 1958.
- LEVIN, H., and BALDWIN, A. L.: Pride and shame in children. In: Jones, M. R., ed. *Nebraska symposium on motivation*. Lincoln, University of Nebraska Press, 1959.
- LEVINE, H., BALDWIN, A. L., GALWBY, MARY, and PAIVIO, A.: Audience stress, personality, and speech. *Journal of Abnormal and Social Psychology*, 61:469-473, 1960.

- LEVIN, H., and TURGEON, VALERIE F.: The influence of the mother's presence on children's doll play aggression. *Journal of Abnormal and Social Psychology*, 55:304-308, 1957.
- PAIVIO, A.: Childrearing antecedents of audience sensitivity. *Child Development*, 35:397-416, 1964.
- PAIVIO, ALLAN, BALDWIN, A. L., and BERGER, S. M.: Measurement of children's sensitivity to audiences. *Child Development*, 32:721-730, 1961.
- MH-903 (R01) ROGERS, CARL R.: The process and facilitation of personality change. University of Chicago, Chicago, Ill. (1954-57)
- CARTWRIGHT, D. S.: Success in psychotherapy as a function of certain actuarial variables. *Journal of Consulting Psychology*, 19:357-363, 1955.
- CARTWRIGHT, D. S.: Computational procedures for Q-technique. *Counseling Center Discussion Papers* (University of Chicago Library), 2(5), 1956.
- CARTWRIGHT, D. S.: A coefficient of consistency over T Q-sorts. *Counseling Center Discussion Papers* (University of Chicago Library), 2(14), 1956.
- CARTWRIGHT, D. S.: Psychotherapy: Not the placebo effect. *Counseling Center Discussion Papers* (University of Chicago Library), 2(29), 1956.
- CARTWRIGHT, D. S.: Self-consistency as a factor affecting immediate recall. *Journal of Abnormal and Social Psychology*, 52:212-218, 1956.
- CARTWRIGHT, D. S.: A rapid non-parametric estimate of multi-judge reliability. *Psychometrika*, 21(1):17-29, 1956.
- CARTWRIGHT, D. S.: Annotated bibliography of research and theory construction in client-centered therapy. *Journal of Counseling Psychology*, 4(1): 82-100, 1957.
- CARTWRIGHT, D. S.: A note concerning Kendall's "Tau." *Psychological Bulletin*, 54:423-425, 1957.
- CARTWRIGHT, D. S.: A computational procedure for "Tau" correlation. *Psychometrika*, 22(1):97-104, 1957.
- CARTWRIGHT, D. S., and CARTWRIGHT, ROSALIND D.: Faith and improvement in psychotherapy. *Journal of Counseling Psychology*, 5(3):174-177, 1958.
- CARTWRIGHT, D. S., and KIRTNER, W. L.: An operator-display analysis of psychotherapy. *Counseling Center Discussion Papers*, 2(17), 1956, University of Chicago Library.
- CARTWRIGHT, D. S., KIRTNER, W. L., and FISKE, D. W.: Method factors in changes associated with psychotherapy. *Journal of Abnormal and Social Psychology*, 66:164-175, 1963.
- CARTWRIGHT, ROSALIND D., and LERNER, BARBARA: Empathy, need to change, and improvement with psychotherapy. *Journal of Consulting Psychology*, 27:138-144, 1963.
- DYMOND, ROSALIND F.: Adjustment changes in the absence of psychotherapy. *Journal of Consulting Psychology*, 19(2):103-107, 1955.
- DYMOND, ROSALIND F., GRUMMON, D. L., and SEEMAN, J.: Patterns of perceived inter-personal relations. *Sociometry*, 19:166-177, 1956.
- GENDLIN, E. T., JENNEY, R. H., and SHLIEN, J. M.: Counselor ratings of process and outcome in psychotherapy. *Journal of Clinical Psychology*, 16: 210-213, 1960.
- KIRTNER, W. L., and CARTWRIGHT, D. S.: Success and failure in client-centered therapy as a function of client personality variables. *Journal of Consulting Psychology*, 22:259-264, 1958.
- KIRTNER, W. L., and CARTWRIGHT, D. S.: Success and failure in client-centered therapy as a function of initial in-therapy behavior. *Journal of Consulting Psychology*, 22:329-333, 1958.
- ROGERS, C. R.: Personality change in psychotherapy. *International Journal of Social Psychiatry*, 1:31-41, 1955.
- ROGERS, C. R.: A therapist's view of the good life. *The Humanist*, 17:219-300, 1957.
- ROGERS, C. R.: The necessary and sufficient conditions of therapeutic personality change. *Journal of Consulting Psychology*, 21:95-103, 1957.
- ROGERS, C. R.: A process conception of psychotherapy. *American Psychologist*, 13:142-149, 1958. Also in: Bennis, W. G., Benne, K. D., and Chin, R., eds. *The planning of change*. New York, Holt, Rinehart & Winston, 1961, p. 361-372.
- ROGERS, C. R.: The essence of psychotherapy: A client-centered view. *Annals of Psychotherapy*, 1:51-57, 1959.
- ROGERS, C. R.: A theory of therapy, personality, and interpersonal relationships as developed in the client-centered framework. In: Koch, S., ed. *Psychology: A study of a science*. Vol. 3. Formulations of the person and the social context. New York, McGraw-Hill, 1959, p. 184-256.
- ROGERS, C. R., LEWIS, M., and SHLIEN, J.: Two cases of time-limited client-centered psychotherapy. In: Burton, A., ed. *Case studies of counseling and psychotherapy*. New York, Prentice-Hall, 1959, p. 309-352.
- ROGERS, C. R., and SEGEL, R. H.: Psychotherapy begins: The case of Mr. Lin. 16 mm. motion picture with sound. *Psychological Cinema Register*, State College, Pennsylvania, 1955.
- ROGERS, C. R., and SEGEL, R. H.: Psychotherapy in process: The case of Miss Mun. 16 mm. motion

- picture with sound. *Psychological Cinema Register*, State College, Pennsylvania, 1955.
- ROGERS, C. R., SHOWN, E. J., MOWRER, O. H., KIMBLE, G. A., and MILLER, J. G.: Behavior theories and a counseling case. *Journal of Counseling*, 3:107-124, 1956.
- SAWREY, WILLIAM L., and LONG, DAVID H.: Strain and sex differences in ulceration in the rat. *Journal of Comparative and Physiological Psychology*, 55(4):603-605, 1962. (Also acknowledges MH-4704).
- STANDAL, S. W.: Concept of anxiety in client-centered theory. *Counseling Center Discussion Papers*, 2(15), 1956. (University of Chicago Library).
- STANDAL, S. W., and VAN DER VEEN, F.: Length of therapy in relation to counselor estimation of personal integration, life adjustment, and certain other case variables. *Journal of Consulting Psychology*, 21:1-9, 1957.
- STANDAL, S. V., VAN DER VEEN, F., and WOOLF, JEANNE: Is there a "failure zone" in client-centered therapy? *Counseling Center Discussion Papers*, 2(7), University of Chicago Library.
- MH-910 (R01) JAHODA, MARIE: Psychology of role acceptance in women. New York University, New York, N.Y. (1954-55)
- JAHODA, MARIE, and HAVEL, JOAN: Psychological problems of women in different social roles. *The Educational Record*, October: 325-335, 1955.
- MH-912 (R01) HAGGARD, ERNEST A.: Socialization, personality, and mental processes. University of Chicago, Chicago, Ill. (1954-59)
- D'HERBIE, ADMA, MELLINGER, JEANNE CUMMINGS, and HAGGARD, ERNEST A.: Personality, intellectual, and achievement patterns in gifted children. *Psychological Monographs*, 73:1-28, 1959.
- HAGGARD, ERNEST A.: Socialization, personality, and academic achievement in gifted children. *School Review*, 65:388-414, 1957.
- HAGGARD, ERNEST A.: Intraclass correlation and the analysis of variance. New York, Dryden Press, 1958, 171 p.
- MH-919 (R01) BLOCKSMA, DOUGLAS, FOX, ROBERT, and LIPPITT, RONALD: The social participation of rejected children. University of Michigan, Ann Arbor, Mich. (1954-57)
- DOUGLAS, VIRGINIA: Children's responses to frustration: A developmental study. *Canadian Journal of Psychology*, 19(2):161-171, 1965.
- GOLD, M.: Power in the classroom. *Sociometry*, 21(1):50-60, 1958.
- LIPPITT, R., and GOLD, M.: Classroom social structure as a mental health problem. *Journal of Social Issues*, 15:40-49, 1959.
- ROSEN, S., LEVINGER, G., and LIPPITT, R.: Desired changes in self and others as a function of resource ownership. *Human Relations*, 13:187-193, 1960. (Also acknowledges MH-450).
- ROSEN, S., LEVINGER, G., and LIPPITT, R.: Perceived sources of social power. *Journal of Abnormal and Social Psychology*, 62(2):417-431, 1961. (Also acknowledges MH-450).
- MH-926 (R01) RILEY, JOHN W., JR., and RILEY, MATILDA WHITE: Analysis of interpersonal and group relations. Rutgers—The State University, New Brunswick, N.J. (1954-59)
- COHN, RICHARD, MOSTELLER, FREDERICK, JR., and RILEY, JOHN W., and TATSUOKA, MAURICE: Measuring the probability that adjacent order statistics of samples from several populations form overlapping intervals. *Annals of Mathematical Statistics*, 31(4):1095-1104, 1960.
- RILEY, JOHN W., JR., and RILEY, MATILDA WHITE: Mass communication and the social system. In: Merton, Robert K., Broom, Leonard, and Cottrell, Leonard S., Jr., eds. *Sociology today: Problems and prospects*. New York, Basic Books, 1959, p. 537-578.
- RILEY, JOHN W., JR., and RILEY, MATILDA WHITE: Scaling and the clarification of concepts. In: Shyne, Ann W., ed. *Use of judgments in social work*. New York, National Association of Social Workers, 1959.
- RILEY, JOHN W., JR., and RILEY, MATILDA WHITE: Sociological perspectives on the use of new educational media. In: Schramm, Willbur, ed. *Mass media teaching aids*. Stanford, Calif., The Institute for Communication Research, 1960.
- RILEY, MATILDA WHITE: Sociological research. 1. A case approach. New York, Harcourt, Brace & World, 1963, 777 p.
- RILEY, MATILDA WHITE, and COHN, RICHARD: Control networks in informal groups. *Sociometry*, 21(1):30-49, 1958.
- RILEY, MATILDA WHITE, and MOORE, MARY E.: Sorokin's use of sociological measurement. In: Allen, Philip J., ed. *Pierre A. Sorokin in America*. Durham, N.C., Duke University, 1963, p. 224.
- RILEY, MATILDA WHITE, RILEY, JOHN W., JR., and MOORE, MARY E.: Adolescent values and Riesman typology: An empirical analysis. In: Lipset, S. M., and Lowenthal, Leo, eds. *Adolescence and social character*. Glencoe, Ill., Free Press, 1961, p. 370-386.

- MH-927 (R01) FINK, MAX: Perceptual changes induced by drugs and electroshock. Hillside Hospital, Glen Oaks, N.Y. (1954-59)
- FINK, MAX: Denial of blindness following cerebral angiography. *Journal of the Hillside Hospital*, 5:238-245, 1956.
- FINK, MAX: A unified theory of the action of physiodynamic therapies. *Journal of Hillside Hospital*, 6:197-206, 1957.
- FINK, MAX: Effect of anticholinergic agent, diethazine, on EEG and behavior: Significance for theory of convulsion therapy. *American Medical Association Archives of Neurology and Psychiatry*, 80:380-387, 1958.
- FINK, MAX: Lateral gaze nystagmus as an index of the sedation threshold. *Electroencephalography and Clinical Neurophysiology*, 10:162-163, 1958.
- FINK, MAX: Electroencephalographic and behavioral effects of Tofranil. *Canadian Psychiatric Journal*, 4:S166-S171, 1959. (Special Supplement. McGill University Conference on Depression and Allied States, Montreal, March 19-21, 1959.) (Also acknowledges MH-2092).
- FINK, MAX: Alteration of brain function in therapy. In: Kline, N., ed. *Psychopharmacology frontiers*. Boston, Little, Brown, 1959, p. 325-332.
- FINK, MAX: Effect of anticholinergic compounds on post-convulsive EEG and behavior of psychiatric patients. *Electroencephalography and Clinical Neurophysiology*, 12:359-369, 1960. (Also acknowledges MH-2092).
- FINK, MAX: EEG and behavioral effects of psychopharmacologic agents. In: Bradley, P., ed. *Neuropsychopharmacology*. Amsterdam, Elsevier, 1960, p. 441-446. (Also acknowledges MH-2092).
- FINK, MAX: The mode of action of convulsive therapy: The neurophysiologic-adaptive view. *Journal of Neuropsychiatry*, 3:231-233, 1962. (Also acknowledges MH-2092 and MH-2715).
- FINK, MAX, and GREEN, MARTIN A.: Electroencephalographic correlates of the electroshock process. *Diseases of the Nervous System*, 19(5):227, 1958.
- FINK, MAX, JAFFE, J., and KAHN, R. L.: Drug induced changes in interview patterns: Linguistic and neurophysiologic indices. In: Sarwer-Foner, ed. *Dynamics of psychiatric drug therapy*. Montreal, McGill University, 1960, p. 29-44.
- FINK, MAX, and KAHN, R. L.: Quantitative studies of slow wave activity following electroshock. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 8:158, 1956.
- FINK, MAX, and KAHN, R. L.: Perception of embedded figures after induced altered brain function. (Abstract) *American Psychologist*, 12(7):361, 1957.
- FINK, MAX, and KAHN, R. L.: Relation of electroencephalographic data activity to behavioral response in electroshock. *A. M. A. Archives of Neurology and Psychiatry*, 78:516-525, 1957.
- FINK, M., and KAHN, R. L.: Behavioral patterns in convulsive therapy. *Archives of General Psychiatry*, 5:30-36, 1961.
- FINK, MAX, KAHN, R. L., and GRAUBERT, D.: Delusional reduplication of parts of the body after insulin coma therapy. *Journal of Hillside Hospital*, 4:134-147, 1955.
- FINK, MAX, KAHN, ROBERT L., and GREEN, MARTIN A.: Experimental studies of the electroshock process. *Diseases of the Nervous System*, 19:113-118, 1958.
- FINK, M., KAHN, R. L., and KORIN, H.: Effects of diffuse altered brain function on perception. In: *Proceedings of the 15th International Congress of Psychology*. Amsterdam, North-Holland, 1959, p. 238-239.
- FINK, MAX, KAHN, R. L., and POLLACK, M.: Psychological factors affecting individual differences in behavioral response to convulsive therapy. *Journal of Nervous and Mental Disease*, 128:243-248, 1959. (Also acknowledges MH-2092).
- FINK, MAX, KAHN, R. L., and WEINSTEIN, EDWIN A.: The amytal test in patients with mental illness. *Journal of Hillside Hospital*, 4:3-13, 1955.
- GREEN, MARTIN A., and FINK, MAX: Clinical and electroencephalographic effects of meginide in patients without cerebral disease. *Neurology*, 8:682-685, 1958.
- JAFFE, J., EISENBERG, H., KAHN, R. L., and FINK, M.: Modification of psychotherapeutic transactions by altered brain function. *American Journal of Psychotherapy*, 15:46-55, 1961.
- JAFFE, J., KAHN, R. L., and FINK, M.: Changes in verbal transactions with induced altered brain function. *Journal of Nervous and Mental Disease*, 130(3):235-239, 1960.
- KAHN, R. L., and FINK, MAX: Changes in language during electroshock therapy. In: Hoch, Paul H., and Zubin, Joseph. *Psychopathology of communication*. New York, Grune & Stratton, 1958, p. 126-139.
- KAHN, R. L., and FINK, M.: Personality factors in behavioral response to electroshock therapy. *Journal of Neuropsychiatry*, 1(1):45-49, 1959.
- KAHN, R. L., and FINK, M.: Prognostic value of Rorschach criteria in clinical response to convulsive therapy. *Journal of Neuropsychiatry*, 1:242-245, 1960. (Also acknowledges MH-2092).
- KAHN, R. L., FINK, MAX, and WEINSTEIN, EDWIN A.: Relation of amobarbital test to clinical improvement in electroshock. *Archives of Neurology and Psychiatry*, 76:23-29, 1956.



- KAHN, ROBERT L., and POLLACK, MAX: Prognostic application of psychological techniques in convulsive therapy. *Diseases of the Nervous System, Monograph Supplement*, 20(5):1-5, 1959. (Also acknowledges MH-2092).
- KAHN, R. L., POLLACK, M., and FINK, M.: Social factors in selection of therapy in a voluntary mental hospital. *Journal of Hillside Hospital*, 6:216-228, 1957.
- KAHN, R. L., POLLACK, M., and FINK, MAX: Socio-psychologic aspects of psychiatric treatment in a voluntary mental hospital: Duration of hospitalization, discharge ratings and diagnosis. *Archives of General Psychiatry*, 1:565-574, 1959. (Also acknowledges MH-2092).
- KAHN, R. L., POLLACK, M., and FINK, M.: Figure-ground discrimination after induced altered brain function. *Archives of Neurology*, 2:547-551, 1960. (Also acknowledges MH-2092).
- KAHN, R. L., POLLACK, M., and FINK, M.: Social attitude (California F Scale) and convulsive therapy. *Journal of Nervous and Mental Diseases*, 130:187-192, 1960. (Also acknowledges MH-2092).
- KLEIN, D. F., and FINK, M.: Behavioral reaction patterns with phenothiazines. *A. M. A. Archives of General Psychiatry*, 7:449-459, 1962. (Also acknowledges MH-2715 and MH-4798).
- KORIN, H., and FINK, M.: Role of stimulus intensity in perception of simultaneous cutaneous electrical stimuli. *Journal of the Hillside Hospital*, 6:241-250, 1957.
- KORIN, H., and FINK, M.: The role of set in the perception of simultaneous tactile stimuli. *American Journal of Psychology*, 72:384-392, 1959.
- KORIN, H., FINK, M., and KWALWASSER, S.: Relation of changes in memory and learning to improvement in electroshock. *Confinia Neurologica*, 16:88-96, 1956.
- POLLACK, M., KAHN, R. L., KARP, E., and FINK, M.: Tachistoscopic perception after induced altered brain function: Influence of mental set. *Journal of Nervous and Mental Disorders*, 134:422-430, 1962. (Also acknowledges MH-2092).
- WACHSPRESS, M., BLUMBERG, A. G., FINK, MAX, and MILLER, JOSEPH S.A.: Evaluation of high-dose reserpine therapy for the relief of anxiety. *Journal of the Hillside Hospital*, 5:67-77, 1956.
- MH-929 (R01) LEDWITH, NETTIE H.: Rorschach responses of adolescents. Pittsburgh Child Guidance Center, Pittsburgh, Pa. (1954-55)
- LEDWITH, NETTIE H.: Rorschach response of elementary school children. Pittsburgh, Pa., University of Pittsburgh, 1959.
- LEDWITH, NETTIE H.: A Rorschach study of child development. Pittsburgh, Pa., University of Pittsburgh, 1960, 336 p.
- MH-930 (R01) SAWREY, WILLIAM L., and CONGER, JOHN J.: Psychological factors in production of gastric ulcers. University of Colorado Medical Center, Denver, Colo. (1954-60) (Continued as MH-4704).
- CONGER, JOHN J., SAWREY, WILLIAM L., and TURRELL, EUGENE S.: The role of social experience in the production of gastric ulcers in hooded rats placed in a conflict situation. *Journal of Abnormal and Social Psychology*, 57(2):214-220, 1958.
- SAWREY, WILLIAM L.: Conditioned responses of conditioning fear in relationship to ulceration. *Journal of Comparative and Physiological Psychology*, 54(3):347-348, 1961. (Also acknowledges MH-4704).
- SAWREY, WILLIAM L., CONGER, JOHN J., and TURRELL, EUGENE S.: An experimental investigation of the role of psychological factors in the production of gastric ulcers in rats. *Journal of Comparative and Physiological Psychology*, 49(4):457-461, 1956. Also in: Reed, C. F., Alexander, I. B., and Tompkins, S. S., eds. *Psychopathology: A source book*. Cambridge, Harvard University, 1958, p. 200-208.
- MH-937 (R01) BLOM, GASTON E., and LONG, ROBERT T.: Emotionality in children with rheumatoid arthritis. Massachusetts General Hospital, Boston, Mass. (1954-60)
- BLOM, GASTON, and WHIPPLE, B.: A method of studying emotional factors in children with rheumatoid arthritis. In: Jessner, L., and Pavenstedt, E., eds. *Dynamic psychopathology in childhood*. New York, Grune & Stratton, 1959, p. 124-166. (Also acknowledges MH-66).
- MH-940 (R01) HARLOW, HARRY F.: Symposium on behavioral and biological sciences. University of Wisconsin, Madison, Wisc. (1954-59)
- HARLOW, H. F., and WOOLSEY, C. N., eds.: Biological and biochemical bases of behavior. Madison, Wisc., University of Wisconsin, 1958, 476 p.
- MH-941 (R01) STELLAR, ELIOT: Experimental study of the behavior of the marmoset. University of Pennsylvania, Philadelphia, Pa. (1954-55) (Continued from MH-747).
- KAHN, M., and STELLAR, E.: Alcohol preference normal and anosmic rats. *Journal of Comparative and Physiological Psychology*, 53:571-575, 1959. (Also acknowledges MH-747).
- SPRAGUE, J. M., CHAMBERS, W. W., and STELLAR, E.: Regional physiology of the central nervous

- system. *Progress in Neurology and Psychiatry*, 10:57-92, 1955. (Also acknowledges MH-747).
- STELLAR, E.: Physiological psychology. *American Review of Psychology*, 8:415-436, 1957. (Also acknowledges MH-747).
- STELLAR, E.: Drive and motivation. In: Magoun, H. W., ed. *Handbook of physiology*. American Physiological Society, 1960, p. 1501-1527. (Also acknowledges MH-747).
- STELLAR, E.: The marmoset as a laboratory animal: Maintenance, general observations of behavior, and simple learning. *Journal of Comparative and Physiological Psychology*, 53:1-10, 1960. (Also acknowledges MH-747).
- MH-943 (R01) BEACH, FRANK A.: Psychophysiology of reproductive behavior. Yale University, New Haven, Conn. (1954-58) (Continued as MH-2856).
- BEACH, F. A.: Neural and chemical regulation of behavior. In: Harlow, Harry F., and Woolsey, Clinton N., eds. *Biological and biochemical bases of behavior*. Wisconsin, University of Wisconsin, 1958, p. 263-285. (Also acknowledges MH-2856).
- BEACH, F. A.: Normal sexual behavior in male rats isolated at fourteen days of age. *Journal of Comparative and Physiological Psychology*, 51:37, 1958. (Also acknowledges MH-2856).
- BEACH, F. A., and FOWLER, H.: Individual differences in the response of male rats to androgen. *Journal of Comparative and Physiological Psychology*, 52:50-52, 1959. (Also acknowledges MH-2856).
- BEACH, F. A., and FOWLER, H.: Effects of "situational anxiety" on sexual behavior in male rats. *Journal of Comparative and Physiological Psychology*, 52:245-248, 1959. (Also acknowledges MH-2856).
- BEACH, F. A., and JORDAN, E.: Effects of sexual reinforcement upon the performance of male rats in a straight runway. *Journal of Comparative and Physiological Psychology*, 48:105-110, 1956.
- BEACH, F. A., and JORDAN, E.: Sexual exhaustion and recovery in the male rat. *Quarterly Journal of Experimental Psychology*, 8:121-133, 1956.
- BEACH, F. A., and RABEDAU, R.: Sexual exhaustion and recovery in the male hamster. *Journal of Comparative and Physiological Psychology*, 52:56-61, 1959. (Also acknowledges MH-2856).
- BEACH, F. A., and WHALEN, R.: Effects of ejaculation on sexual behavior in the male rat. *Journal of Comparative and Physiological Psychology*, 52:249-254, 1959. (Also acknowledges MH-2856).
- BEACH, F. A., and WHALEN, R.: Effects of intromission with ejaculation upon sexual behavior in male rats. *Journal of Comparative and Physiological Psychology*, 52:476-481, 1959. (Also acknowledges MH-2856).
- FOWLER, H., HICKS, S. P., D'AMATO, C. J., and BEACH, F. A.: Effects of fetal irradiation on behavior in the albino rat. *Journal of Comparative and Physiological Psychology*, 55:309-314, 1962.
- WHALEN, R. E., BEACH, F. A., and KUEHN, R. E.: Effects of exogenous androgen on sexually responsive and unresponsive male rats. *Endocrinology*, 69:373-380, 1961.
- MH-945 (R01) FUNKENSTEIN, DANIEL H.: Interpersonal perception in schizophrenia. Harvard Medical School, Boston, Mass. (1955-60)
- FUNKENSTEIN, DANIEL H., WECHSLER, HENRY, MERRIFIELD, JOHN F., and MCARTHUR, CHARLES C.: Differences on measures of self-concept. *Diseases of the Nervous System*, 20(4):150-155, April, 1959.
- HITSON, HAZEL M., and FUNKENSTEIN, DANIEL H.: Family patterns and paranoid personality structure in Boston and Burma. *International Journal of Social Psychiatry*, Winter(3):182-190, 1959.
- McKINLEY, DONALD G.: Social class and family life. New York, Free Press of Glencoe, 1964, 306 p.
- MH-955 (R01) HUNT, DAVID E.: Personality patterns in adolescent boys, Yale University, New Haven, Conn. (1955-59)
- ALLISON, J., and HUNT, D. E.: Social desirability and the expression of aggression under varying conditions of frustration. *Journal of Consulting Psychology*, 23:528-532, 1959.
- HUNT, D. E., and SCHRODER, H. M.: Assimilation, failure-avoidance, and anxiety. *Journal of Consulting Psychology*, 22:39-44, 1958.
- SCHROEDER, H. M., and HUNT, D. E.: Failure-avoidance in situational interpretation and problem solving. *Psychological Monographs*, 71(3):1-22, 1957. (Whole No. 432).
- WILSON, R. S.: Personality patterns, source attractiveness and conformity. *Journal of Personality*, 28:186-199, 1960.
- MH-959 (R01) HARTLEY, RUTH E.: Development of concepts of women's roles. City College of the City University of New York, New York, N.Y. (1955-61)
- HARTLEY, RUTH E.: Sex-role pressures and the socialization of the male child. *Psychological Reports*, 5:457-468, 1959.
- HARTLEY, RUTH E.: Children's concepts of male and female roles. *Merrill-Palmer Quarterly*, 6:83-91, 1960.

HARTLEY, RUTH E.: Some implications of current changes in sex-role patterns. *Merrill-Palmer Quarterly of Behavior and Development*, 6:153-164, 1960. Also in: Sussman, Marvin B., ed. *Sourcebook in marriage and the family*. 2nd ed. New York, Houghton Mifflin, 1962, p. 133-138.

HARTLEY, RUTH E.: The one parent family. In: Reference papers on children and youth. *Supplement, White House Conference on Children and Youth*, 1960. (Unpaginated)

HARTLEY, RUTH E.: Sex-roles and urban youth: Some developmental perspectives. *Bulletin on Family Development*, 2:1-12, 1961.

HARTLEY, RUTH E.: Current patterns in sex roles: Children's perspectives. *Journal of the National Association of Women Deans and Counselors*, 25: 3-13, 1961.

HARTLEY, RUTH E.: What aspects of child behavior should be studied in relation to maternal employment? In: Siegel, Alberta, ed. *Research issues related to the effects of maternal employment on children*. University Park, Pa., Social Science Research Center, Pennsylvania State University, 1961.

HARTLEY, RUTH E.: Women's role: How girls see them. *Journal of the American Association of University Women*, 55:212-215, 1962.

HARTLEY, R. E., and HARDESTY, F. P.: Children's perceptions of sex roles in childhood. *Journal of Genetic Psychology*, 105:43-51, 1964.

HARTLEY, RUTH E., HARDESTY, FRANCIS P., and GORFEIN, DAVID S.: Children's perceptions and expressions of sex preference. *Child Development*, 33:221-227, 1962.

HARTLEY, RUTH, and KLEIN, ARMIN: Sex-role concepts among elementary-school-age girls. *Marriage and Family Living*, 23:59-64, 1959.

MH-963 (R01) KANFER, FREDERICK H.: Studies on verbal behavior. Washington University, St. Louis, Mo. (1955-57) (Continued as MH-2027; MH-6921).

KANFER, F. H.: Perception: Identification and instrumental activity. *Psychiatric Review*, 63:317-329, 1956.

KANFER, F. H.: Effect of a warning signal preceding a noxious stimulus on verbal rate and heart rate. *Journal of Experimental Psychology*, 55: 73-80, 1958.

KANFER, F. H.: Supplementary report: Stability of a verbal rate change mental anxiety. *Journal of Experimental Psychology*, 56:182, 1958.

KANFER, F. H.: Verbal conditioning: Reinforcement schedules and experimenter schedules. *Psychological Reports*, 4:443-452, 1958.

KANFER, F. H.: Verbal rate, content, and adjustment ratings in experimentally structured interviews. *Journal of Abnormal and Social Psychology*, 58: 305-311, 1959.

MH-965 (R01) OVERHOLSER, WINFRED: The psychotherapist and the treatment process. George Washington University, Washington, D.C. (1955-57) (Continued as MH-2171).

STRUPP, HANS H.: A multidimensional comparison of therapist-activity in analytic and client-centered therapy. *Journal of Consulting Psychology*, 21: 301-308, 1957.

STRUPP, HANS H.: A multidimensional system for analyzing psychotherapeutic techniques. *Psychiatry*, 20:293-306, 1957.

STRUPP, HANS H.: A multidimensional analysis of techniques in brief psychotherapy. *Psychiatry*, 20: 387-397, 1957.

STRUPP, HANS H.: The psychotherapist's contribution to the treatment process. *Behavioral Science*, 3:34-67, 1958.

STRUPP, HANS H.: The performance of psychiatrists and psychologists in a therapeutic interview. *Journal of Clinical Psychology*, 14:219-226, 1958.

STRUPP, HANS H.: The performance of psychoanalytic and client-centered therapists in an initial interview. *Journal of Consulting Psychology*, 22: 265-274, 1958.

STRUPP, HANS H.: Toward an analysis of the therapist's contribution to the treatment process. *Psychiatry*, 22:349-362, 1959. (Also acknowledged MH-2171).

STRUPP, HANS H.: Comments on two recent methods for analyzing the psychotherapeutic process. *Psychological Record*, 9:45-51, 1959.

STRUPP, HANS H.: Psychotherapists in action: Explorations of the therapist's contribution to the treatment process. New York, Grune & Stratton, 1960, 352 p. (Also acknowledges MH-2171).

MH-969 (R01) DENNISTON, ROLLIN H., II: Effects of hormonal factors on certain drives. Wyoming University, Laramie, Wyo. (1954-63)

DENNISTON, R. H.: An attempt to evaluate the components of the sex drive complex in terms of differential extinction. *Physiological Zoology*, 2(3):250-256, 1956.

DENNISTON, R. H.: Sexual behavior and physiological cycle in an annual breeding wild rodent. *Anatomical Record*, 128:539, 1957.

DENNISTON, R. H.: Notes on breeding and size of young in the Richardson ground squirrel. *Journal of Mammalogy*, 38:414-416, 1957.

- DENNISTON, R. H.: The effect of wildness on learning in the Wyoming ground squirrel. *Anatomical Record*, 134(3):553, 1959.
- DENNISTON, R. H.: Escape and avoidance learning as a function of emotionality level. *Animal Behavior*, 7:1-6, 1959.
- DENNISTON, R. H.: Escape and avoidance learning as a function of emotionality level in the Wyoming ground squirrel. *Animal Behavior*, 7:241-243, 1959.
- DENNISTON, R. H., and MACLEAN, P. D.: Erection display in male-male and male-female interaction in the squirrel monkey, "*Saimiri sciureus*." *American Zoologist*, 1:445, 1961, 1961.
- MACLEAN, P. D., DENNISTON, R. H., and DUA, S.: Cerebral localization for genital and bodily scratching and seminal discharge. *Archives of Neurophysiology*, 7(5):485-497, 1964.
- MACLEAN, P. D., DENNISTON, R. H., DUA, S., and PLOOG, D. W.: Hippocampal changes with brain stimulation eliciting penile erection. *Physiologie de l'Hippocampe*, Paris C. N. R. S., 1962, p. 491-510.
- MACLEAN, P. D., DUA, S., and DENNISTON, R. H.: A mapping of cerebral structures involved in seminal discharge and genital scratching. *Transactions of the American Neurology Association*, 87:136-139, 1962.
- MACLEAN, P. D., DUA, S., and DENNISTON, R. H.: Further studies on cerebral representation of penile erection: Caudal thalamus, mid-brain, and pons. *Journal of Neurophysiology*, 26:273-293, 1963.
- MH-971 (R01) SPIEGEL, JOHN P., and KLUCKHOHN, FLORENCE R.: Influence of family and culture on mental health. Harvard University, Cambridge, Mass. (1954-59)
- BELL, NORMAN W.: Extended family relationships of disturbed and well families. *Family Processes*, 1:175-193, 1962.
- BELL, NORMAN W., TREISCHMAN, A., and VOGEL, EZRA F.: A sociocultural analysis of the resistances of working class fathers treated in a child psychiatry clinic. *American Journal of Orthopsychiatry*, 31:388-405, 1961.
- BELL, NORMAN W., and VOGEL, EZRA F., eds.: A modern introduction to the family. Glencoe, Ill., The Free Press, 1960.
- BELL, NORMAN W., and VOGEL, E. F.: The emotionally disturbed child as a family scapegoat. *Psychoanalysis and the Psychoanalytic Review*, 41: 21-42, 1960.
- KLUCKHOHN, F.: Value orientations. In: Grinker, Roy R., ed. *Toward a unified theory of human behavior*. Vol. 1. New York, Basic Books, 1956.
- KLUCKHOHN, FLORENCE: Family diagnosis: Variations in the basic values of family systems. *Social Casework*, 39:1-11, 1958. Also in: Bell, Norman, and Vogel, Ezra, eds. *The family*. Glencoe, Ill., The Free Press, 1960.
- KLUCKHOHN, FLORENCE: A method for eliciting value orientations. *Anthropological Linguistics*, 2(2):1960.
- SPIEGEL, JOHN P.: Interpersonal influences within the family. In: Schaffner, Bertram, ed. *Group Processes*. New York, The Josiah Macy, Jr., Foundation, 1956.
- SPIEGEL, JOHN P.: The resolution of role conflict within the family. *Psychiatry*, 20(1):1-16, 1957. Also in: Greenblatt, Milton, Levinson, Daniel J., and Williams, Richard, eds. *The patient and the mental hospital, Chapter 32*. Glencoe, Ill., Free Press, 1957.
- SPIEGEL, JOHN: Some cultural aspects of transference and countertransference. In: Masserman, Jules H., ed. *Individual and familial dynamics*. New York, Basic Books, 1959.
- SPIEGEL, JOHN, and BELL, NORMAN W.: The family of the psychiatric patient. In: Ariete, Sylvan, ed. *The handbook of American Psychiatry*. New York, Basic Books, 1959.
- MH-973 (R01) CAPLAN, GERALD: A mental health program for student nurses. Harvard University, Cambridge, Mass. (1954-57)
- ROSENBERG, P., and FULLER, M.: Human relations seminar: A group work experiment in nursing education. *Mental Hygiene*, 3:406-432, 1955.
- ROSENBERG, PEARL, and FULLER, M.: Seminar is student nurses' safety valve. *Modern Hospital*, 85:53-57, 1955.
- ROSENBERG, P., and FULLER, M.: Dynamic analysis of the student nurse. *Group Psychotherapy*, 10: 22-37, 1957.
- ROSENBERG, P., and FULLER, M.: Human relations seminar for nursing students. *Nursing Outlook*, 5:724-726, 1957.
- MH-977 (R01) LINDSLEY, OGDEN R., SKINNER, BURRHUS F., and SOLOMON, HARRY C.: Experimental analysis of psychotic behavior. Harvard University, Cambridge, Mass. (1954-60)
- LINDSLEY, O. R.: Operant conditioning methods applied to research in chronic schizophrenia. *Psychiatric Research Reports*, 5:118-139, 1956.
- LINDSLEY, O. R.: Operant behavior during sleep: A measure of depth of sleep. *Science*, 126:1290-1291, 1957.
- LINDSLEY, O. R.: Intermittent grading. *Clearing House*, 32:451-454, 1958.

- LINDSLEY, O. R.: Reduction in rate of vocal psychotic symptoms by differential positive reinforcement. *Journal of the Experimental Analysis of Behavior*, 2(3):269, 1959.
- LINDSLEY, O. R.: Characteristics of the behavior of chronic psychotics as revealed by free-operant conditioning methods. *Diseases of the Nervous System*, 21:66-78, 1960.
- LINDSLEY, O. R.: Free-operant conditioning and psychotherapy. In: Masserman, J. H., ed. *Current psychiatric therapies*. Vol. 3. New York, Grune & Stratton, 1963, p. 47-56. (Also acknowledges MH-2778).
- LINDSLEY, O. R.: Direct measurement and functional definition of vocal hallucinatory symptoms. *Journal of Nervous and Mental Disease*, 136:293-297, 1963. (Also acknowledges MH-2778 and MH-5054).
- LINDSLEY, O. R., and CONRAN, P.: Operant behavior during EST: A measure of depth of coma. *Diseases of the Nervous System*, 23:407-409, 1962.
- MEDNICK, MARTHA T., and LINDSLEY, O. R.: Some clinical correlates of operant behavior. *Journal of Abnormal and Social Psychology*, 57:13-16, 1958.
- SKINNER, B. F.: The etiology of mental disease: The psychological point of view. *Proceedings of Second Conference on Etiology of Mental Disease*. New York, New York Academy of Medicine, 1956.
- SKINNER, B. F.: What is psychotic behavior? In: *Theory and treatment of the psychoses: Some newer aspects*. St. Louis, Washington University Studies, 1956, p. 77-99.
- MH-981 (R01) COFFEY, HUBERT S., and POPE, SAXTON T.: Relation of group tension to interpersonal role. University of California, Berkeley, Calif. (1955-58)
- BAUMRIND, DIANA: Conceptual issues involved in evaluating improvement due to psychotherapy. *Psychiatry*, 22:341-348, 1959.
- BAUMRIND, DIANA: An analysis of some aspects of the interpersonal system. *Psychiatry*, 23:395-402, 1960.
- MH-985 (R01) ANDERSON, JOHN E.: Research conference on psychological aspects of aging. American Psychological Association, Washington, D.C. (1955-56)
- ANDERSON, JOHN E.: Psychological aspects of aging: *Proceedings of a conference on planning research*, Bethesda, Md., April 24-27, 1955, 323 p.
- MH-986 (R01) YOUNG, M. WHARTON, and BARTLETT, ROSCOE G., JR.: Role of the nervous system in restraint hypothermia. Howard University, Washington, D.C. (1954-60) (Continued from MH-656).
- BARTLETT, R. J., JR.: Stress adaptation and inhibition of restraint-induced (emotional) hypothermia. *Journal of Applied Physiology*, 8:661-663, 1956.
- BARTLETT, R. G., JR., and REGISTER, U. D.: Chlorpromazine and anesthetic agents on tissue non-protein sulfhydryl compounds in normothermic and hypothermic rats. *Proceedings of the Society for Experimental Biology and Medicine*, 90:500-502, 1955.
- BARTLETT, R. G., JR., and YOUNG, M. W.: "Free roaming" in the albino rat and its effect on restraint hypothermia. *Journal of Applied Psychology*, 14:393-394, 1959.
- REGISTER, U. D., and BARTLETT, R. G., JR.: Regeneration of tissue nonprotein sulfhydryl compounds in rats after exposure to cold and restraint. *Proceedings of the Society for Experimental Biology and Medicine*, 86:836-838, 1954.
- MH-987 (R01) BEECHER, HENRY K., ANLIKER, JAMES, and SMITH, GENE M.: Study of psychotomimetic agents. Massachusetts General Hospital, Boston, Mass. (1955- )
- ANLIKER, J. E.: Variations in alpha voltage of the electroencephalogram and time perception. *Science*, 140:1307-1309, June 21, 1963. (Also acknowledges MH-2971).
- BERCHER, H. K.: The anaesthesia laboratory of the Harvard Medical School at the Massachusetts General Hospital. *British Journal of Anaesthesia*, 29:261-273, 1957.
- EGBERT, LAWRENCE D., BATTIT, GEORGE, WELCH, CLAUDE E., and BARIETT, MARSHALL K.: Reduction of postoperative pain by encouragement and instruction of patients. *New England Journal of Medicine*, 270(16):825-827, 1964.
- REICHEL, C. W., SMITH, G. M., GRAVENSTEIN, J. S., MACRIS, S. G., and BERCHER, H. K.: Comparative analgesic potency of heroin and morphine in postoperative patients. *Journal of Pharmacology*, 136:43-46, 1962.
- SMITH, G. M.: Six measures of self-concept discrepancy and instability: Their interrelations, reliability, and relations to other personality measures. *Journal of Consulting Psychology*, 22:101-112, 1958.
- SMITH, G. M., and BEECHER, H. K.: Amphetamine sulfate and athletic performance. I. Objective effects. *Journal of the American Medical Association*, 170:542-557, 1959.
- SMITH, G. M., and BEECHER, H. K.: Measurement of "mental clouding" and other subjective effects of morphine. *Journal of Pharmacology*, 126:506-512, 1959.

- SMITH, G. M., and BEECHER, H. K.: Effect of morphine on the subjective response of hunger in normal subjects. *Journal of Pharmacology*, 126: 63-69, 1959.
- SMITH, G. M., and BEECHER, H. K.: Amphetamine, secobarbital, and athletic performance. II. Subjective evaluations of performances, mood states, and physical states. *Journal of the American Medical Association*, 172:1502-1514, 1960.
- SMITH, G. M., and BEECHER, H. K.: Amphetamine, secobarbital, and athletic performance. III. Quantitative effects on judgment. *Journal of the American Medical Association*, 172:1623-1629, 1960.
- SMITH, G. M., and BEECHER, H. K.: Subjective effects of heroin and morphine in normal subjects. *Journal of Pharmacology*, 136:47-52, 1962.
- SMITH, GENE M., and BEECHER, HENRY K.: Comparative sensitivity of three methods of evaluating drug induced mood changes by a check list. (Abstract) *Federation Proceedings*, 23(2)Part I:175, 1964.
- SMITH, G. M., and BEECHER, H. K.: Drugs and judgment: Effects of amphetamine and secobarbital on self-evaluation. *Journal of Psychology*, 58: 397-405, 1964.
- SMITH, G. M., SEMKE, C. W., and BEECHER, H. K.: Objective evidence of mental effects of heroin, morphine and placebo in normal subjects. *Journal of Pharmacology*, 136:53-58, 1962.
- SMITH, G. M., WEITZNER, M., and BEECHER, H. K.: Increased sensitivity of measurement of drug effects in expert swimmers. *Journal of Pharmacology*, 139:114-119, 1963.
- SMITH, G. M., WEITZNER, M., LEVENSON, S. R., and BEECHER, H. K.: Effects of amphetamine and secobarbital on coding and mathematical performance. *Journal of Pharmacology*, 141:100-104, 1963.
- WEITZNER, MARTIN: Manifest anxiety, amphetamine, and performance. *Journal of Psychology*, 60(1):71-79, 1965.
- MH-989 (R01) BARKER, ROGER G.: Ecological study of children's behavior. University of Kansas, Lawrence, Kans. (1955-57)
- BARKER, R. G.: Structure of the stream of behavior. In: *Proceedings of the 15th International Congress of Psychology*, 1957, p. 155-156.
- MH-993 (R17) ROWLAND, VERNON: Neurophysiology of consciousness and affective states. Western Reserve University, Cleveland, Ohio. (1955-61)
- BOND, D. D., RANDT, C. T., BIDDER, T. G., and ROWLAND, VERNON: Posterior septal and anterior thalamic lesions in the cat. *A. M. A. Archives of Neurology and Psychiatry*, 78:143-162, 1957.
- GLUCK, H., and ROWLAND, V.: Defensive conditioning of electrographic arousal with delayed and differentiated auditory stimuli. *Electroencephalography and Clinical Neurophysiology*, 11:485-496, 1959.
- MACINTYRE, W. J., BIDDER, T. G., and ROWLAND, VERNON: Production of brain lesions with electric currents. I. Unidirectional currents. In: Quastler, Henry, and Morowitz, H. J., eds. *Proceedings of the First National Biophysics Conference*, Vol. 1. New Haven, Conn., Yale University Press, 1959, p. 585-594.
- MACINTYRE, W. J., BIDDER, T. G., and ROWLAND, VERNON: Effect of electric currents on brain tissue: Stimulation and electrolytic lesion production. *Medical Physics*, 3:102-105, 1960.
- ROWLAND, VERNON: EEG arousal produced by significant tones. *Federation Proceedings*, 15:157, 1956.
- ROWLAND, VERNON: Differential electroencephalographic response to conditioned auditory stimuli in arousal from sleep. *Electroencephalography and Clinical Neurophysiology*, 9:585-594, 1957.
- ROWLAND, VERNON: Conditioning and brain waves. *Scientific American*, 201:89-96, 1959.
- ROWLAND, VERNON: Simple non-polarizable electrode for chronic implantation. *Electroencephalography and Clinical Neurophysiology*, 13:290-291, 1961.
- ROWLAND, VERNON, BIDDER, T. G., and MACINTYRE, W. J.: Production of brain lesions with electric currents. II. Bidirectional currents. *Journal of Neurosurgery*, 17(1):56-69, 1960.
- ROWLAND, VERNON, and GLUCK, H.: Electrographic arousal and its inhibition as studied by auditory conditioning. In: Wortis, Joseph, ed. *Recent advances in biological psychiatry*. New York, Grune & Stratton, 1960, p. 96-105.
- ROWLAND, VERNON, and MACINTYRE, W. J.: Stimulus current density in relation to electrode damage and CNS injury. *Electroencephalography and Clinical Neurophysiology*, 13:117-118, 1961.
- MH-996 (R01) GRAHAM, DAVID T.: Relation of attitudes to physiological changes. Washington University, St. Louis, Mo. (1957-57) (Continued as MH-2011).
- GRAHAM, D. T.: Some research on psychophysiology specificity and its relation to a psychosomatic disease. In: Roessler, R., and Greenfield, N., eds. *Physiological correlates of psychological disorders*. Vol. 12. Madison, Wis., University of Wisconsin Press, 1962, p. 221-238. (Also acknowledges MH-2011).

- GRAHAM, D. T., KABLER, J. D., and GRAHAM, F. K.: Physiological response to the suggestion of attitudes specific for hives and hypertension. *Psychosomatic Medicine*, 24:159-169, 1962. (Also acknowledges MH-2011).
- GRAHAM, D. T., LUNDY, R. M., BENJAMIN, L. S.: KABLER, J. D., LEWIS, W. C., KUNISH, N. O., and GRAHAM, F. K.: Specific attitudes in initial interviews with patients having different "psychosomatic diseases." *Psychosomatic Medicine*, 24:257-266, 1962. (Also acknowledges MH-2011).
- GRAHAM, D. T., STERN, J. A., and WINOKUR, G.: The concept of a different specific set of physiological changes in each emotion. *Psychiatric Research Report*, 12:8-15, 1960. (Also acknowledges MH-2011).
- GRAHAM, D. T., and STEVENSON, I.: Diseases as responses to life stress: (a) The nature of the evidence. In: Lief, Harold I., Lief, Victor P., and Lief, Nina R., eds. *The psychological basis of medical practice*. New York, Hoeber, 1963, p. 115-136. (Also acknowledges MH-2011).
- LEWIS, WILLIAM C.: Some observations relevant to early defences and precursors. *International Journal of Psychoanalysis*, 44 Part II:132-142, 1963. (Also acknowledges MH-2011).
- STERN, J. A., WINOKUR, G., GRAHAM, D. T., and GRAHAM, F. K.: Alterations in physiological measures during experimentally induced attitudes. *Journal of Psychosomatic Research*, 5:73, 1961. (Also acknowledges MH-2011).
- STEVENSON, I., and GRAHAM, D. T.: Disease as responses to life stress: (b) Obtaining the evidence clinically. In: Lief, Harold I., Lief, Victor P., and Lief, Nina R., eds. *The psychological basis of medical practice*. New York, Hoeber, 1963, p. 137-154. (Also acknowledges MH-2011).
- MH-997 (R17) BOARD, FRANCIS M.: Psychosomatic studies of adaptation to life stress. Michael Reese Hospital and Medical Center, Chicago, Ill. (1955-58)
- BOARD, FRANCIS: Patients' and physicians' judgments of the outcome of psychotherapy in an outpatient clinic. *A. M. A. Archives of General Psychiatry*, 1:185-196, 1959.
- BOARD, FRANCIS, WADESM, RALPH, and PUSHY, HAROLD: Depressive affect and endocrine functions. *A. M. A. Archives of Neurology and Psychiatry*, 78:612-620, 1957.
- MH-998 (R17) STEIN, MARVIN D.: Olfaction in the etiology of bronchial asthma. University of Pennsylvania, Philadelphia, Pa. (1956-61)
- OTTENBERG, P., STEIN, M., LEWIS, J., and HAMILTON, C.: Learned asthma in the guinea pig. *Psychosomatic Medicine*, 20:395-400, 1958.
- SCHIAVI, R. C., STEIN, M., and SETHI, B. B.: Respiratory variables in response to a pain-fear stimulus and in experimental asthma. *Psychosomatic Medicine*, 23:485-492, 1961.
- STEIN, M., and OTTENBERG, P.: Role of odors in asthma. *Psychosomatic Medicine*, 20:60-65, 1958.
- STEIN, M., OTTENBERG, P., and ROULET, N.: A study of the development of olfactory preferences. *A. M. A. Archives of Neurology*, 80:264-266, 1958.
- STEIN, M., SCHIAVI, R. C., OTTENBERG, P., and HAMILTON, C.: The mechanical properties of the lungs in guinea pig experimental asthma. *Journal of Allergy*, 32:8-16, 1961.
- MH-999 (R17) TITCHENER, JAMES L.: Family dynamics in neurotic and psychosomatic illness. University of Cincinnati, Cincinnati, Ohio. (1955-60)
- TITCHENER, J.: Fear and the long struggle: A commentary on Karl Jasper's "The Future of Mankind." *Comprehensive Psychiatry*, 2:311-316, 1961.
- TITCHENER, JAMES, and EMERSON, RICHARD: Some methods for study of family interaction in personality development. In: Pasamanick, Benjamin, and Knapp, Peter, H. *Psychiatric research reports 10, social aspects of psychiatry*. Washington, D.C., American Psychiatric Association, 1958, p. 72-100. (Also acknowledges MH-1957).
- TITCHENER, JAMES L., and LEVINE, MAURICE, eds.: Surgery as a human experience. The psychodynamics of surgical practice. New York, Oxford University, 1960, 285 p. (Also acknowledges MH-664).
- TITCHENER, J., RISKIN, J., and EMERSON, R.: The family in psychosomatic process. *Psychosomatic Medicine*, 22(2):127-142, 1960. (Also acknowledges MH-2534).
- TITCHENER, J. L., SHELTON, M. B., and ROSS, W. D.: Changes in blood pressure of hypertensive patients with and without group psychotherapy. *Journal of Psychosomatic Research*, 4(1):10-12, 1959.
- TITCHENER, J., ZWERLING, I., GOTTSCHALK, I., LEVINE, M., CULBERTSON, W., COHEN, S., and SILVER, H.: Psychosis in surgical patients. *Surgery, Gynecology and Obstetrics*, 102:59-65, 1956.
- MH-1000 (R17) LEVINSON, DANIEL J.: Sociopsychological study of hospitalized mentally ill. Harvard Medical School, Boston, Mass. (1955-60)
- GILBERT, DORIS C., and LEVINSON, D. J.: Ideology, personality, and institutional policy in the mental hospital. *Journal of Abnormal and Social Psychology*, 53:263-271, 1956.

- GREENBLATT, M., and LEVINSON, D. J.: The open door: A study of institutional change. In: Denber, Herman C. B., ed. *Research conference on therapeutic community*. Springfield, Ill., Thomas, 1959, p. 97-129.
- GREENBLATT, M., and LEVINSON, D. J.: Dimensions of a therapeutic organization. *Psychiatric Research Reports*, 11:13-23, 1960.
- GREENBLATT, MILTON, LEVINSON, DANIEL J., and WILLIAMS, RICHARD H., eds.: The patient and the mental hospital: Contributions of research in the science of social behavior. Glencoe, Ill., Free Press, 1957, 658 p. (Also acknowledges MH-687 and MH-9091).
- KLERMAN, G., SHARAF, M., HOLZMAN, MATHILDA, and LEVINSON, D. J.: Sociopsychological characteristics of resident psychiatrists and their use of drug therapy. *American Journal of Psychiatry*, 117:111-117, 1960. (Also acknowledges MH-687).
- LEVINSON, D. J.: The role of psychiatrist in the modern mental hospital. *Connaissance de l'homme*, August-September, 1955, p. 41-49.
- LEVINSON, D. J.: Authoritarian personality and foreign policy. *Journal of Conflict Resolution*, 1:37-47, 1957. Also in: Pransky, L., and Goethals, G. W., eds. *War studies from psychology, sociology, and anthropology*. New York, Basic Books, 1964.
- LEVINSON, D. J.: The relevance of personality for political participation. *Public Opinion Quarterly*, 22:3-10, 1958. Also in: *Americana*, 5:53-62, 1959.
- LEVINSON, D. J.: Role, personality, and social structure in the organizational setting. *Journal of Abnormal and Social Psychology*, 58:170-180, 1959. (Also acknowledges MH-687).
- LEVINSON, D. J.: The psychotherapists' contribution to the patient's treatment career. In: Strupp, H. H., and Luborsky, L., eds. *Research in psychotherapy*. Vol. 2. Washington, D.C., American Psychological Association, 1962.
- LEVINSON, DANIEL J., and GALLAGHER, EUGENE B.: Patienthood in the mental hospital: An analysis of role, personality, and social structure. Boston, Houghton, Mifflin, 1964, 265 p. (Also acknowledges MH-687).
- LEVINSON, D. J., and SHARAF, M.: Achieving a therapeutic ward setting. *Mental Hospitals*, 2:9-11, 1958. (Also acknowledges MH-687).
- LEVINSON, MARIA H., and LEVINSON, D. J.: Jews who intermarry: Sociopsychological bases of ethnic identity and change. *Yivo Annual of Jewish Social Science*, 12:103-130, 1959.
- PINE, F., and LEVINSON, D. J.: A sociopsychological conception of patienthood. *International Journal of Social Psychiatry*, 7(2):106-122, 1961. (Also acknowledges MH-687).
- SHARAF, M. R., and LEVINSON, D. J.: The "quest for omnipotence" in professional development: The case of resident psychiatrists. *Psychiatry*, 27(2):135-149, 1964. (Also acknowledges MH-687).
- MH-1001 (R01) GELBER, BEATRICE T.: Behavior of the paramecium. University of Chicago, Chicago, Ill. (1956-59)
- GELBER, BEATRICE: Investigations of the behavior of *Paramecium aurelia*. VI. Reinforcement with three values of training. *American Psychologist*, 12:428, 1957.
- GELBER, BEATRICE: A trigger for behavioral change? *Paramecium aurelia*. (Abstract) *Journal of Protozoology, Supplement*, 4:16, 1957.
- GELBER, B.: Food or training in *Paramecium*? *Science*, 126:1340-1341, 1957.
- GELBER, B.: Retention in *Paramecium aurelia*. *Journal of Comparative and Physiological Psychology*, 51:110-115, 1958.
- GELBER, B.: Reminiscence and the trend of retention in *Paramecium aurelia*. *Psychological Record*, 12:179-192, 1962.
- MH-1002 (R01) GUTTMAN, NORMAN, and KALISH, HARRY I.: Stimulus generalization and discrimination. Duke University, Durham, N.C. (1955-59)
- GUTTMAN, N.: The pigeon and the spectrum and other perplexities. *Psychological Reports*, 2:449-460, 1956.
- GUTTMAN, N.: Generalization gradients around stimuli associated with different reinforcement schedules. *Journal of Experimental Psychology*, 58:335-340, 1959.
- GUTTMAN, N.: Laws of behavior and facts of perception. In: Koch, S., ed. *Psychology: A study of a science*. Vol. 5. New York, McGraw-Hill, 1963, p. 114-178. (Also acknowledges MH-631 and MH-3917).
- GUTTMAN, N., and KALISH, H. I.: Discriminability and stimulus generalization. *Journal of Experimental Psychology*, 51:79-88, 1956. (Also acknowledges MH-629 and MH-631).
- GUTTMAN, N., and KALISH, H. I.: Experiments on discrimination. *Scientific American*, 198:77-82, 1958.
- HANSON, H. M.: Discrimination training effect upon stimulus generalization gradient for spectrum stimuli. *Science*, 125:888-889, 1957.
- HANSON, H. M.: Effects of discrimination training on stimulus generalization. *Journal of Experimental Psychology*, 58:321-334, 1959.



- HANSON, H. M.: Stimulus generalization following three-stimulus discrimination training. *Journal of Comparative and Physiological Psychology*, 54: 181-185, 1961.
- HANSON, H. M., and GUTTMAN, N.: The use of a behavioral stimulant in the study of stimulus generalization. *Journal of the Experimental Analysis of Behavior*, 209:212, 1961.
- HONIG, W. K.: Generalization of extinction on the spectral continuum. *Psychological Record*, 11: 269-278, 1961. (Also acknowledges MH-2414).
- HONIG, W. K.: Prediction of preference, transposition, and transposition-reversal from the generalization gradient. *Journal of Experimental Psychology*, 64:239-246, 1962. (Also acknowledges MH-2414).
- HONIG, W. K., THOMAS, D. R., and GUTTMAN, N.: Differential effects of continuous extinction and discrimination training on the stimulus generalization gradient. *Journal of Experimental Psychology*, 58:145-152, 1959.
- KALISH, H. I., and GUTTMAN, N.: Stimulus generalization after equal training on two stimuli. *Journal of Experimental Psychology*, 53:139-144, 1957.
- KALISH, H. I., and GUTTMAN, N.: Stimulus generalization after training on three stimuli: A test of the summation hypothesis. *Journal of Experimental Psychology*, 57:268-272, 1959. (Also acknowledges MH-1459 and MH-6096).
- THOMAS, D. R.: The effects of drive and discrimination training on stimulus generalization. *Journal of Experimental Psychology*, 64:24-28, 1962.
- THOMAS, D. R., and KING, R. A.: Stimulus generalization as a function of level of motivation. *Journal of Experimental Psychology*, 57:323-328, 1959.
- THOMAS, D. R., OST, JOHN, and THOMAS D.: Stimulus generalization as a function of the time between training and testing procedures. *Journal of the Experimental Analysis of Behavior*, 3:9-14, 1960.
- MH-1003 (R01) DAVIS, DAVID E.: Hormonal basis of regional behavior. Johns Hopkins University, Baltimore, Md. (1955-59)
- DAVIS, D. E.: Aggressive behavior in castrated starlings. *Science*, 126:253, 1957.
- HERNANDEZ-PEON, VON R.: Die neuronalen Grundlagen des Schlafes. *Arzneimittel-Forschung*, 15 (10):1099-1118, 1965.
- MH-1005 (R01) DAVENPORT, RICHARD K., MENZEL, EMIL W., JR., NISSEN, HENRY W., PEACOCK, L. J., and RIOPELLE, ARTHUR J.: Early exper-
- BECKETT, P. G. S., FROHMAN, C. E., DAVENPORT, R. K., JR., ROGERS, M., and GOTTLIEB, J. S.: Biologic effects of infantile restriction in chimpanzees. *Comprehensive Psychiatry*, 4(1):1-8, 1963. (Also acknowledges MH-5668).
- BERKSON, GERSHON, and DAVENPORT, RICHARD K., JR.: Stereotyped movements of mental defectives. I. Initial survey. *American Journal of Mental Deficiency*, 66:849-852, 1962.
- CARPENTER, BRUCE, and CARPENTER, JANETH: The perception of movement by young chimpanzees and human children. *Journal of Comparative and Physiological Psychology*, 51:782-784, 1958.
- DAVENPORT, R. K., JR.: Care of the infant chimpanzee. *Southeastern Veterinarian*, 11:18-22, 1960.
- DAVENPORT, RICHARD K., JR., and BERKSON, GERSHON: Stereotyped movements of mental defectives. II. Effects of novel objects. *American Journal of Mental Deficiency*, 67:879-882, 1963.
- DAVENPORT, RICHARD K., JR., and MENZEL, EMIL W., JR.: Oddity preference in the chimpanzee. *Psychological Reports*, 7:523-526, 1960.
- DAVENPORT, RICHARD K., JR., and MENZEL, EMIL W., JR.: Stereotyped behavior of the infant chimpanzee. *Archives of General Psychiatry*, 8:99-104, 1963.
- DAVENPORT, RICHARD K., JR., MENZEL, EMIL W., JR., and ROGERS, CHARLES M.: Maternal care during infancy: Its effect on weight gain and mortality in the chimpanzee. *American Journal of Orthopsychiatry*, 31:803-809, 1961.
- DAVENPORT, RICHARD K., MENZEL, EMIL W., JR., and ROGERS, CHARLES M.: Effects of severe isolation on "normal" juvenile chimpanzees. *Archives of General Psychiatry*, 14(2):134-138, 1966.
- FALK, JOHN L.: The grooming behavior of the chimpanzee as a reinforcer. *Journal of the Experimental Analysis of Behavior*, 1:83-85, 1958.
- KELLEHER, R. T.: Intermittent conditioned reinforcement in chimpanzees. *Science*, 124:679-680, 1956.
- KELLEHER, R. T.: Conditioned reinforcement in chimpanzees. *Journal of Comparative and Physiological Psychology*, 50:571-575, 1957.
- KELLEHER, R. T.: A comparison of conditioned and food reinforcement on a fixed-ratio schedule in chimpanzees. *Psychological Newsletter*, 8:88-93, 1957.
- KELLEHER, ROGER T.: A multiple schedule of conditioned reinforcement with chimpanzees. *Psychological Reports*, 3:485-491, 1957.

- SELLEHER, R. T.: Fixed-ratio schedules of conditioned reinforcement with chimpanzees. *Journal of the Experimental Analysis of Behavior*, 1:281-289, 1958.
- SELLEHER, ROGER T.: Concept formation in chimpanzees. *Science*, 128:777-778, 1958.
- MENZEL, E. W.: Selection of food by size in the chimpanzee, and comparison with human judgments. *Science*, 131:1527-1528, 1960.
- MENZEL, EMIL W., JR.: The effects of stimulus size and proximity upon avoidance of complex objects in rhesus monkeys. *Journal of Comparative and Physiological Psychology*, 55:1044-1046, 1962.
- MENZEL, EMIL W., JR.: Individual differences in the responsiveness of young chimpanzees to stimulus size and novelty. *Perceptual and Motor Skills*, 15:127-134, 1962.
- MENZEL, EMIL W., JR.: The effects of cumulative experience on responses to novel objects in young insolation-reared chimpanzees. *Behaviour*, 21:1-12, 1963.
- MENZEL, EMIL W., JR.: Responsiveness to object-movement in young chimpanzees. *Behaviour*, 24(1-2):147-160, 1964.
- MENZEL, EMIL W., JR.: Patterns of responsiveness chimpanzees reared through infancy under conditions of environmental restriction. *Psychologische Forschung*, 27:337-365, 1964.
- MENZEL, EMIL W., JR., and DAVENPORT, RICHARD K., JR.: Preference for clear versus distorted viewing in the chimpanzee. *Science*, 134:1531, 1961.
- MENZEL, EMIL W., JR., and DAVENPORT, RICHARD K., JR.: The effects of stimulus presentation variables upon chimpanzee's selection of food by size. *Journal of Comparative and Physiological Psychology*, 55:235-239, 1962.
- MENZEL, E. W., JR., DAVENPORT, RICHARD K., JR., and ROGERS, C. M.: Some aspects of behavior toward novelty in young chimpanzees. *Journal of Comparative and Physiological Psychology*, 54:16-19, 1961.
- MENZEL, EMIL W., JR., DAVENPORT, RICHARD K., JR., and ROGERS, CHARLES M.: The effects of environmental restriction upon the chimpanzee's responsiveness to objects. *Journal of Comparative and Physiological Psychology*, 56:78-85, 1963.
- MENZEL, EMIL W., JR., DAVENPORT, RICHARD K., JR., and ROGERS, CHARLES M.: Effects of environmental restriction upon the chimpanzee's responsiveness in novel situations. *Journal of Comparative and Physiological Psychology*, 56:329-334, 1963.
- MH-1011 (R01) SPIEGEL, ERNEST A.: Psychological effects of thalamotomy. Temple University, Philadelphia, Pa. (1955-56)
- ORCHINIK, C. W.: Some psychological aspects of circumscribed lesions of the diencephalon. *Confinia Neurologica*, 20:292-310, 1960.
- ORCHINIK, C. W., and PETRIE, A.: Personality changes following thalamic and pallidal lesions compared with the effects of various cortical lesions. *Confinia Neurologica*, 18:442-443, 1948.
- SPIEGEL, E. A., and WYCIS, H. T.: Stereocencephalotomy. Vol. 2. In: Spiegel, E. A., and Wycis, H. T., eds. *Thalamotomy*. New York, Grune & Stratton, 1962, p. 72-204.
- SPIEGEL, E. A., WYCIS, H. T., FREED, H., and ORCHINIK, C. W.: A follow-up study of patients treated by thalamotomy and by combined frontal and thalamic lesions. *Journal of Nervous and Mental Disease*, 124:399-404, 1956.
- SPIEGEL, E. A., WYCIS, H. T., ORCHINIK, C., and FREED, H.: Thalamic chronotaxis. *American Journal of Psychiatry*, 113:97-105, 1956.
- MH-1013 (R01) LEARY, TIMOTHY: Change in personality structure during psychotherapy. Kaiser Foundation Research Institute, Oakland, Calif. (1955-58)
- LEARY, T.: Multilevel measurement of interpersonal behavior. Berkeley, California, Psychological Consultation Service, 1956.
- LEARY, TIMOTHY: Interpersonal diagnosis of personality; a functional theory and methodology for personality evaluation. New York, Ronald Press, 1957, 518 p. (Also acknowledges MH-331).
- LEARY, T.: Interpersonal dimensions of psychotherapy. New York, Ronald Press, 1957, 518 p. (Also acknowledges MH-331).
- LEARY, T., and HARVEY, JOAN S.: A methodology for measuring personality changes in psychotherapy. *Journal of Clinical Psychology*, 12:123-132, 1956.
- MH-1015 (R01) SPRINCE, HERBERT, and WINICK, WILLIAM: Indole metabolism in schizophrenia. University of Pennsylvania, Philadelphia, Pa. (1955-61)
- KNOWLTON, M., DOHAN, F. C., and SPRINCE, H.: Use of a modified Ehrlich's reagent for measurement of indolic compounds. *Analytical Chemistry*, 32:666-668, 1960.
- SPRINCE, H.: A modified Ehrlich benzaldehyde reagent for detection of indoles on paper chromatograms. *Journal of Chromatography*, 3:97-98, 1960.
- SPRINCE, H.: Indole metabolism in mental illness. *Clinical Chemistry*, 7:203-230, 1961.
- SPRINCE, H.: Biochemical aspects of indole metabolism in normal and schizophrenic subjects. *Ann-*

- nals of the New York Academy of Sciences, 96: 399-418, 1962.
- SPRINCE, H., HOUSER, E., JAMESON, D., and DOHAN, F. C.: Differential extraction of indoles from the urine of schizophrenic and normal subjects. *A. M. A. Archives of General Psychiatry*, 2:268-70, 1960.
- SPRINCE, H., HOUSER, E., JAMESON, D., and DOHAN, F. C.: Evaluation of serum oxidase activity in schizophrenia by a modified Akerfeldt test. *Transactions of the 4th Research Conference on Chemotherapy in Psychiatry*, Memphis, Tenn., Annual Reports. (Veterans Administration), 4:254-259, 1960.
- SPRINCE, H., and LICHTENSTEIN, I.: Choline antagonism to indolic psychotomimetic compounds. *A. M. A. Archives of General Psychiatry*, 2:385-389, 1960.
- SPRINCE, H., and PARKER, C. M.: Riboflavin phosphate esters in relation to adenosine triphosphate in schizophrenia. *Comprehensive Psychiatry*, 1: 321-323, 1960.
- SPRINCE, H., PARKER, C. M., DAWSON, J. T., JR., JAMESON, D., and DOHAN, F. C.: Paper chromatography of urinary indoles extracted under alkaline and acid conditions. *Journal of Chromatography*, 8:457-465, 1962.
- SPRINCE, H., PARKER, C. M., JAMESON, D., DAWSON, J. T., JR., KNOWLTON, M., and DOHAN, F. C.: Detection and isolation of indolacetamide from human urine: Results with schizophrenic vs. normal subjects. *Journal of Laboratory and Clinical Medicine*, 57:763-770, 1961.
- SPRINCE, H., and ROWLEY, G. R.: Quinine calibration of the Aminco-Bowman spectrophotofluorometer. *Science*, 125:25-26, 1957.
- SPRINCE, H., ROWLEY, G. R., and JAMESON, D.: Spectrophotofluorometric studies of 5-hydroxyindoles and related compounds. *Science*, 125:442-443, 1957.
- MH-1019 (R01) KAPLAN, BERT: Cross-cultural study of personality. University of Kansas, Lawrence, Kans. (1955-58)
- KAPLAN, BERT, and JOHNSON, DALE: The social meaning of Navaho psychopathology and psychotherapy. In: Kiev, Ari, ed. *Magic, faith and healing: The social aspects of mental illness*. New York, Free Press of Glencoe, 1964.
- MH-1020 (R01) ABELSON, ROBERT P., and LESSER, GERALD S.: Persuasibility in children. Adelphi College, Garden City, N.Y. (1955-57)
- ABELSON, ROBERT P., and LESSER, GERALD S.: The measurement of persuasibility in children. In: Hovland, C. I., and Janis, I. L., eds. *Personality and persuasibility*. New Haven, Conn., Yale University Press, 1959, p. 141-166.
- LESSER, GERALD S., and ABELSON, ROBERT P.: Personality correlates of persuasibility in children. In: Hovland, C. I., and Janis, I. L., eds. *Personality and persuasibility*. New Haven, Conn., Yale University Press, 1959, p. 187-206.
- MH-1024 (R01) NEWMAN, RICHARD: An experimental study of dream processes. Yale University, New Haven, Conn. (1955-58)
- NEWMAN, RICHARD, KATZ, JAY, and RUBENSTEIN, ROBERT: The experimental situation as a determinant of hypnotic dreams. *Psychiatry*, 23:63-73, 1960.
- RUBENSTEIN, ROBERT, KATZ, JAY, and NEWMAN, RICHARD: On the sources and determinants of hypnotic dreams. *Canadian Psychiatric Association Journal*, 2:154-161, 1957.
- MH-1027 (R01) BAUGHMAN, EMMETT E.: Objectification of Rorschach inquiry and scoring. University of North Carolina, Chapel Hill, N.C. (1955-57)
- BAUGHMAN, E. E.: A new method of Rorschach inquiry. *Journal of Projective Techniques*, 22: 381-389, 1958.
- BAUGHMAN, E. E.: The role of the stimulus in Rorschach responses. *Psychological Bulletin*, 55: 121-147, 1958.
- BAUGHMAN, E. E.: The effect of inquiry method on Rorschach color and shading scores. *Journal of Projective Techniques*, 23:3-7, 1959.
- BAUGHMAN, E. E.: An experimental analysis of the relationship between stimulus structure and behavior on the Rorschach. *Journal of Projective Techniques*, 23:134-183, 1959.
- MH-1033 (R01) MACPHEE, HALSEY M.: Delaware health survey. University of Delaware, Newark, Del. (1955-56)
- JASTSK, JOSEPH F., MACPHEE, HALSEY M., and WHITEMAN, MARTIN: Mental retardation, its nature and incidence. (A population survey of the State of Delaware.) Newark, Delaware, University of Delaware Press, 1963.
- MH-1034 (R01) FREEMAN, G. LAVERNE: Mental health adjustments of preretirants. Western Reserve University, Cleveland, Ohio. (1955-58)
- FREEMAN, G. L.: A high level interest-values-preference test for counselling pre-retirants. *Journal of General Psychology*, 46:121-139, 1958.
- FREEMAN, G. L.: Pre-retirant test scores in various hobby groups. *Journal of Psychology*, 47:137-160, 1959.

- FREEMAN, G. L., and TAYLOR, E. K.: The construction of a test battery for counseling individuals with psychological retirement problems. *Journal of Psychology*, 45:133-151, 1958.
- MH-1037 (R01) ERIKSEN, CHARLES W.: An experimental study of behavior without awareness. Johns Hopkins University, Baltimore, Md. (1955-56) (Continued as MH-1206).
- ERIKSEN, C. W.: An experimental analysis of subception. *American Journal of Psychology*, 69: 625-634, 1956.
- ERIKSEN, C. W., and KUETHE, J. L.: Avoidance conditioning of verbal behavior without awareness: A paradigm of repression. *Journal of Abnormal and Social Psychology*, 53:203-209, 1956.
- MH-1041 (R01) HUNT, J. McVICKER, EWING, THOMAS N., and GILBERT, WILLIAM M.: Therapeutic counselor and client relationships. University of Illinois, Urbana, Ill. (1957-60) (Continued as MH-1388).
- ENDLER, N. S.: Changes in meaning during psychotherapy as measured by the semantic differential. *Journal of Counseling Psychology*, 8:105-111, 1961. (Also acknowledges MH-1388).
- HUNT, J. McV.: Comments on evoking change in psychotherapy. In: Strupp, H. H., and Luborsky, L., eds. *Research in psychotherapy, II*. Washington, D.C., American Psychological Association, 1962, p. 293-295. (Also acknowledges MH-1388).
- HUNT, J. McV., EWING, T. N., LAFORGE, R., and GILBERT, W. M.: An integrated approach to research on therapeutic counseling with samples of results. *Journal of Counseling Psychology*, 6: 46-54, 1959. (Also acknowledges MH-1388).
- LAFORGE, R.: Objective estimates of clinical judgments. *Journal of Consulting Psychology*, 25: 360-361, 1961. (Also acknowledges MH-1388).
- LAFORGE, R.: A correlational study of two personality tests: The MMPI and Cattell 16PF. *Journal of Consulting Psychology*, 26:402-411, 1962. (Also acknowledges MH-1388).
- SCHROEDER, P.: Client acceptance of responsibility and difficulty of therapy. *Journal of Consulting Psychology*, 24:467-471, 1960. (Also acknowledges MH-1388).
- SHULMAN, R. E.: Use of the Rorschach prognostic rating scale in predicting movement in counseling. *Journal of Counseling Psychology*, 10:198-199, 1961. (Also acknowledges MH-1388).
- TODD, W. B., and EWING, T. N.: Changes in self reference during counseling. *Journal of Counseling Psychology*, 8:112-115, 1961. (Also acknowledges MH-1388).
- WASKOW, I. R.: Counselor attitudes and client behavior. *Journal of Consulting Psychology*, 27: 405-412, 1963. (Also acknowledges MH-1388).
- MH-1044 (R01) WOLF, STEWART G., SCHOTTSTAEDT, WILLIAM W., and WEST, LOUIS J.: Psychological interactions on a metabolic ward. Oklahoma Medical Research Institute, Oklahoma City, Okla. (1956-64)
- JACKMAN, NORMAN, SCHOTTSTAEDT, WILLIAM, MCPHAIL, S. CLARK, and WOLF, STEWART: Interaction, emotion and physiologic change. *Journal of Health and Human Behavior*, 4:83-87, 1963.
- SCHOTTSTAEDT, WILLIAM W.: Social interaction and physiologic change. *Bulletin of the Menninger Clinic*, 27(6):291-299, 1963.
- SCHOTTSTAEDT, WILLIAM W., JACKMAN, NORMAN R., MCPHAIL, CLARK S., and WOLF, STEWART G.: Social interaction on a metabolic ward—The relation of problems of status to chemical balance. *Journal of Psychosomatic Research*, 7:83-95, 1963.
- SCHOTTSTAEDT, WILLIAM W., PINSKY, RUTH H., MACKLER, DAVID, and WOLF, STEWART: Sociologic, psychologic and metabolic observations on patients in the community of a metabolic ward. *American Journal of Medicine*, 25(2):248-257, 1958.
- SCHOTTSTAEDT, WILLIAM W., PINSKY, RUTH H., MACKLER, DAVID, and WOLF, STEWART: Prestige and social interaction on a metabolic ward. *Psychosomatic Medicine*, 21(2):131-141, 1959.
- MH-1045 (R01) KELLY, E. LOWELL, and DICE, LEE R.: Heredity of human traits and abilities. University of Michigan, Ann Arbor, Mich. (1955-57)
- CLARK, P. J., VANDENBERG, S. G., and PROCTOR, C. H.: On the relationship of scores on certain psychological tests with a number of anthropometric characters and birth order in twins. *Human Biology*, 33(2):163-180, 1961.
- SUTTON, H. E., VANDENBERG, S. G., and CLARK, P. J.: The hereditary abilities study: Selection of twins, diagnosis of zygosity and program of measurements. *American Journal of Human Genetics*, 14:52-63, 1962.
- VANDENBERG, S. G.: A Chinese classic on individual differences. *American Psychologist*, 11(12): 714-715, 1956.
- VANDENBERG, S. G.: The hereditary abilities study, University of Michigan. *Eugenics Quarterly*, 3(2):94-99, 1956.
- VANDENBERG, S. G.: The primary mental abilities of Chinese students, a comparative study of the stability of a factor structure. *Annals of the New*

- York Academy of Sciences*, 79(Article 9):257-304, 1959. (Also acknowledges MH-1972).
- VANDENBERG, S. G.: The heritability of selected psychological traits, a report of the Michigan twin study. *American Journal of Human Genetics*, 14:220-237, 1962.
- VANDENBERG, S. G.: How stable are heritability estimates? A comparison of 6 anthropometric studies. *American Journal of Physical Anthropology*, 20:331-338, 1962.
- VANDENBERG, S. G.: Heritability estimates of anatomical measurements in man. In: Altman, P. L., and Dittmer, D. S., eds. *Growth, including reproduction and morphological development*. Federation of American Society of Experimental Biology, 1962, 110-115.
- MH-1048 (R01) STOCK, DOROTHY, and WHITMAN, ROY M.: The crucial episode in group therapy. Northwestern University, Chicago, Ill. (1955-57) (Continued as MH-2304).
- STOCK, D., and WHITMAN, R. M.: Patients and therapists' apperceptions of an episode in group therapy. *Human Relations*, 10:367-383, 1957.
- WHITAKER, D. S., and LIEBERMAN, M. A.: Psychotherapy through the group process. New York, Atherton Press, 1964, 293 p. (Also acknowledges MH-6027).
- WHITMAN, R. M., and STOCK, D.: The group focal conflict. *Psychiatry*, 21:269-276, 1958.
- MH-1049 (R01) DAI, BINGHAM: Personality problems in Chinese culture. Duke University, Durham, N.C. (1955-59)
- DAI, BINGHAM: Obsessive-compulsive disorders in Chinese culture. *Social Problems*, 4(4):313-321, 1957.
- MH-1051 (R01) KORCHIN, SHELDON J., and LEVINE, SEYMOUR: The effects of infantile trauma on adult behavior. Michael Reese Hospital and Medical Center, Chicago, Ill. (1955-57)
- KORCHIN, S. J., and LEVINE, S.: Anxiety and verbal learning. *Journal of Abnormal and Social Psychology*, 54:234-240, 1957.
- LEVINE, S.: A further study of infantile handling on adult avoidance learning. *Journal of Personality*, 25:70-80, 1956.
- LEVINE, S.: The effects of early deprivation and delayed weaning on avoidance learning in the albino rat. *Archives of Neurology and Psychiatry*, 79:211-213, 1957.
- LEVINE, S.: Infantile experience and consummatory behavior in adulthood. *Journal of Comparative and Physiological Psychology*, 50:609-612, 1957.
- LEVINE, SEYMOUR: Noxious stimulation in infant and adult rats and consummatory behavior. *Journal of Comparative and Physiological Psychology*, 51(2):230-233, 1958.
- LEVINE, S.: Emotionality and aggressive behavior in the mouse as a function of infantile experience. *Journal of Genetic Psychology*, 94:77-83, 1959. (Also acknowledges MH-123 and MH-1630).
- LEVINE, SEYMOUR, and OTIS, LEON S.: The effects of handling before and after weaning on the resistance of albino rats to later deprivation. *Canadian Journal of Psychology*, 12(2):103-108, 1958. (Also acknowledges MH-694).
- SCHAEFFER, T.: Early "experience" and its effects on later behavioral processes in rats. II. A critical factor in the early handling phenomenon. *Transactions of the New York Academy of Sciences*, 25(8):871-889, 1963. (Also acknowledges MH-3651).
- THOMPSON, W. R., and SCHAEFFER, T.: Early environmental stimulation. In: Fiske, D. W., and Maddi, S. R., eds. *Functions of varied experience*. Homewood, Illinois, Dorsey Press, 1961.
- MH-1052 (R01) MAHL, GEORGE F.: Patient's language as expressive behavior. Yale University, New Haven, Conn. (1955-61)
- AULB, F., and MAHL, G. F.: A comparison of the DRQ with ratings of emotion. *Journal of Abnormal and Social Psychology*, 53:386-388, 1956. (Also acknowledges MH-648).
- FELDSTEIN, S.: The relationship of interpersonal involvement and affectiveness of content to the verbal communication of schizophrenic patients. *Journal of Abnormal and Social Psychology*, 64:39-45, 1962. (Also acknowledges MH-4548).
- KASL, S. V., and MAHL, G. F.: A simple device for obtaining certain verbal activity measures during interviews. *Journal of Abnormal and Social Psychology*, 53:388-390, 1956.
- MAHL, GEORGE F.: Disturbances and silences in the patient's speech in psychotherapy. *Journal of Abnormal and Social Psychology*, 53:1-15, 1956.
- MAHL, G. F.: Review of B. F. Skinner's verbal behavior. *Psychoanalytic Quarterly*, 27:595-597, 1958.
- MAHL, GEORGE F.: Measuring the patient's anxiety during interviews from "expressive" aspects of his speech. *Transactions of the New York Academy of Sciences*, 21(3):249-257, 1959.
- MAHL, GEORGE F.: Exploring emotional states by content analysis. In: Pool, Ithiel de Sola, ed. *Trends in content analysis*. Urbana, University of Illinois, 1959, p. 89-130.
- MAHL, GEORGE F.: Measures of two expressive aspects of a patient's speech in two psychotherapeutic

- tic interviews. In: Gottschalk, L. A., ed. *Comparative psycholinguistic analysis of two psychotherapeutic interviews*. New York, International Universities Press, 1961, p. 91-114.
- MAHL, GEORGE F.: Comments. In: Strupp, H., and Luborsky, L., eds. *Research in psychotherapy*. Vol. 2. Washington, D.C., American Psychology Association, 1962, p. 112-113; 249-250.
- MAHL, G. F.: The expression of emotions on the lexical and linguistic levels. In: Knapp, Peter, ed. *Expression of emotions in man*. New York, International Universities Press, 1963, p. 77-106.
- ZIMBARDO, P., MAHL, G. F., and BERNARD, J.: The measurement of speech disturbance in anxious children. *Journal of Speech and Hearing Disorders*, 28:362-370, 1963.
- MH-1055 (R01) GOTTSCHALK, LOUIS A., and GLEESER, GOLDINE C.: Objectification of verbal behavior analysis. University of Cincinnati, Cincinnati, Ohio. (1955-63)
- GLEESER, G. C., GOTTSCHALK, L. A., and JOHN, W.: The relationship of sex and intelligence to choice of words. A normative study of verbal behavior. *Journal of Clinical Psychology*, 15:182-191, 1959.
- GLEESER, G. C., GOTTSCHALK, L. A., and SPRINGER, K. J.: An anxiety scale applicable to verbal samples. *Archives of General Psychiatry*, 5:593-605, 1961.
- GOTTSCHALK, LOUIS A.: The use of drugs in information seeking interviews. In: Uhr, Leonard, and Miller, James G. *Drugs and behavior*. New York, John Wiley & Sons, 1960, p. 515-518.
- GOTTSCHALK, LOUIS A.: Introspection and free association as experimental approaches to assessing subjective and behavioral effects of psychoactive drugs. In: Uhr, Leonard, and Miller, James G. *Drugs and behavior*. New York, John Wiley and Sons, 1960, p. 587-590.
- GOTTSCHALK, LOUIS A., ed.: *Comparative psycholinguistic analysis of two psychotherapeutic interviews*. New York, International Universities Press, 1961, 221 p.
- GOTTSCHALK, LOUIS A.: The use of drugs in interrogation. In: Biderman, Albert D., and Zimmer, Herbert, eds. *The manipulation of human behavior*. New York, John Wiley & Sons, 1961, p. 96-141.
- GOTTSCHALK, LOUIS A.: Measuring individual responses to psychoactive drugs by an introspective method and a verbal behavior (or free associative) method. *Transactions of the Sixth Annual Research Conference on Cooperative Chemotherapy Studies in Psychiatry and Broad Research Approaches to Mental Illness (Veterans' Administration)*, 6:324-330, 1961.
- GOTTSCHALK, L. A., and GLEESER, GOLDINE C.: An analysis of the verbal content of suicide notes. *British Journal of Medical Psychology*, 33:195-204, 1960.
- GOTTSCHALK, L. A., and GLEESER, G. C.: Distinguishing characteristics of the verbal communications of schizophrenic patients. In: Rioch, David McK., and Weinstein, Edwin A., eds. *Disorders of communication*. Vol. 62. Baltimore, Md., Williams & Wilkins, 1964, p. 400-413.
- GOTTSCHALK, L. A., GLEESER, G. C., DANIELS, R. S., and BLOCK, S.: The speech patterns of schizophrenic patients: A method of assessing relative degree of personal disorganization and social alienation. *Journal of Nervous and Mental Disease*, 127:153-166, 1958.
- GOTTSCHALK, L. A., GLEESER, G. C., and HAMBIDGE, G., JR.: Verbal behavior analysis. Some content and form variables in speech relevant to personality adjustment. *A. M. A. Archives of Neurology and Psychiatry*, 77:300-311, 1957.
- GOTTSCHALK, L. A., GLEESER, G. C., MAGLIOCCO, E. B., and D'ZMURA, T. L.: Further studies on the speech pattern of schizophrenic patients. Measuring inter-individual differences in relative degree of personal disorganization and social alienation. *Journal of Nervous and Mental Disease*, 132:101-113, 1961.
- GOTTSCHALK, L. A., GLEESER, G. C., SPRINGER, K. J., KAPLAN, S. M., SHANON, J., and ROSS, W. D.: Effects of perphenazine on verbal behavior patterns. *A. M. A. Archives of General Psychiatry*, 2:632-639, 1960.
- GOTTSCHALK, L. A., GLEESER, G. C., WYLIE, H. W., JR., and KAPLAN, S. M.: Effects of imipramine on anxiety and hostility levels. *Psychopharmacologia*, 7(4):303-310, 1965.
- GOTTSCHALK, L. A., and KAPLAN, S.: A quantitative method of estimating variations in intensity of a psychologic conflict or state. *A. M. A. Archives of Neurology and Psychiatry*, 79:688-696, 1958.
- GOTTSCHALK, L. A., KAPLAN, S. M., GLEESER, G. C., and WINGET, C. M.: Variations in magnitude of emotion: A method applied to anxiety and hostility during phases of the menstrual cycle. *Psychosomatic Medicine*, 24:300-311, 1962.
- GOTTSCHALK, L. A., KAPP, F. T., ROSS, W. D., KAPLAN, S. M., SILVER, H., MCLEOD, J. A., KAHN, J. B., JR., VAN MAANEN, E. F., and ACHESON, G. M.: Explorations in testing drugs affecting physical and mental activity. Studies with a new drug of potential value in psychiatric illness. *Journal of the American Medical Association*, 161:1055-1058, 1956.
- GOTTSCHALK, L. A., SPRINGER, K. J., and GLEESER, G. C.: Experiments with a method of assessing

- the variation in intensity of certain psychological states occurring during two psychotherapeutic interviews. In: Gottschalk, L. A., ed. *Comparative psycholinguistic analysis of two psychotherapeutic interviews*. New York, International Universities Press, 1961, p. 115-138.
- KAPLAN, S. M., and GOTTSCHALK, L. A.: Modifications of the oropharyngeal bacteria with changes in the psychodynamic state. II. A validation study. *Psychosomatic Medicine*, 20:314-320, 1958.
- KAPLAN, S. M., GOTTSCHALK, L. A., MAGLIOCCO, E. B., ROHOVIT, D. D., and ROSS, W. D.: Hostility in verbal productions and hypnotic dreams of hypertensive patients. Studies of groups and individuals. *Psychosomatic Medicine*, 23:311-322, 1961.
- KAPP, F. I., and GOTTSCHALK, L. A.: Drug therapy. In: Spiegel, E. A., ed. *Progress in neurology and psychiatry*. Vol. 17. New York, Grune & Stratton, 1962, p. 536-558.
- MAAS, J. W., GLEISER, G. C., and GOTTSCHALK, L. A.: Schizophrenia, anxiety, and biochemical factors. The rate of oxidation of N,N-dimethyl-p-phenylenediamine by plasma and levels of serum copper and plasma ascorbic acid. *Archives of General Psychiatry*, 4:109-118, 1961.
- ROSS, W. D., ADSETT, NANCY, GLEISER, GOLDINE, JOYCE, C. R. B., KAPLAN, S. M., and TIGER, M. E.: A trial of psychopharmacologic measurement with projective techniques. *Journal of Projective Techniques*, 27:222-225, 1963.
- MH-1057 (R01) BURNS, ROBERT K., BAY, EMMET B., HALSTEAD, WARD C., and KLEEMHIER, ROBERT W.: Criteria of aging and determinants of retirement. University of Chicago, Chicago, Ill. (1955-58)
- BREEN, LEONARD Z., and SPAETH, JOEL L.: Age and productivity among workers in four Chicago companies. *Journal of Gerontology*, 15(1):68-70, 1960.
- MH-1061 (R01) FELDMAN, ROBERT S., and LIBERSON, WLADIMIR T.: Modification of fixated and convulsive behavior. University of Massachusetts, Amherst, Mass. (1955- )
- BREMNER, F. J.: A method for rapid conditioning of stable avoidance bar pressing behavior. *Journal of the Experimental Analysis of Behavior*, 3:393-394, 1963.
- BREMNER, F. J.: Hippocampal activity during avoidance behavior in the rat. *Journal of Comparative and Physiological Psychology*, 58:16-22, 1964.
- FELDMAN, R. S.: The role of primary drive reduction in fixations. *Psychological Review*, 64(2): 85-90, 1957.
- FELDMAN, R. S.: The prevention of fixation with chlordiazepoxide. *Journal of Neuropsychiatry*, 3: 254-259, 1962.
- FELDMAN, R. S.: Comparisons of the benzodiazepines with other tranquilizers during conflict and chronic anxiety states. *Neuropsychopharmacology*, 3:340-347, 1964.
- FELDMAN, ROBERT S.: Further studies on assay and testing of fixation-preventing psychotropic drugs. *Psychopharmacologia*, 6:130-142, 1964.
- FELDMAN, R. S., and ELLEN, P.: Generalization of fixated behavior in the rat. *Journal of Comparative and Physiological Psychology*, 51(4):508-512, 1958.
- FELDMAN, R. S., ELLEN, P., LIBERSON, W. T., and ROBINS, J.: The effect of chlorpromazine on the brightness discrimination of rats with habits and fixations. *Journal of Comparative and Physiological Psychology*, 52(3):322-326, 1959.
- FELDMAN, R. S., and LEWIS, E.: Response differences of psychotropic drugs in rats during chronic anxiety states. *Journal of Neuropsychiatry*, 3 (Suppl. No. 1):S27-S41, 1962.
- FELDMAN, ROBERT S., and LIBERSON, WLADIMIR T.: The effect of reserpine on behavior fixations in rats. *Journal of Comparative and Physiological Psychology*, 53:483-487, 1960.
- FELDMAN, ROBERT S., and NEET, CLAUDE C.: The effect of electroconvulsive shock on fixated behavior in the rat. III. The effect of ECS as a function of the duration of conflict. *Journal of Comparative and Physiological Psychology*, 50(1): 97-99, 1957.
- FELDMAN, ROBERT S., and NEET, CLAUDE C.: The effect of electroconvulsive shock on fixated behavior in the rat. IV. The prevention of fixations with ECS. *Journal of Comparative and Physiological Psychology*, 53:532-534, 1960. (Also acknowledges MH-376).
- FELDMAN, ROBERT S., and WAITE, R. R.: The role of the sequential cue in behavior fixation. *Journal of Comparative and Physiological Psychology*, 50 (6):567-570, 1957.
- LEWIS, E. M., and FELDMAN, R. S.: The depressive effect of chlordiazepoxide on a negative incentive. *Psychopharmacologia*, 6:143-150, 1964.
- LIBERSON, W. T., FELDMAN, R. S., and ELLEN, P.: Effects of somatic vs. "guidance" therapies on behavior rigidity in rats. *Journal of Neuropsychiatry*, 1(1):17-19, 1959.
- LIBERSON, W. T., FELDMAN, R. S., and ELLEN, P.: The effect of electroshock on discriminative processes in rats. *Journal of Neuropsychiatry*, 1:108-111, 1959.
- LIBERSON, W. T., FELDMAN, R. S., and ELLEN, P.: Behavioral analysis of the effects of meprobamate

- as compared with other tranquilizing drugs and ECS. In: Bradley, P. B., Deniker, P., and Radouze-Thomas, C., eds. *Neuropsychopharmacology*. New York, Elsevier, 1959, p. 351-357.
- MH-1064 (R01) FURCHTGOTT, ERNEST: Behavioral effects of fetal X-irradiation. University of Tennessee, Knoxville, Tenn. (1955-61)
- FURCHTGOTT, ERNEST: Comment on "prenatal anoxia and irradiation: Maternal-fetal relations." *Psychological Report*, 10:115-118, 1962.
- FURCHTGOTT, ERNEST: Low-level gamma irradiation and audiogenic seizures. *Radiation Research*, 17: 614-618, 1962.
- FURCHTGOTT, ERNEST: Behavioral effects of ionizing radiations: 1955-1961. *Psychological Bulletin*, 60: 157-199, 1963.
- FURCHTGOTT, ERNEST, and ECHOLS, MAGILL: Locomotor coordination following pre- and neonatal X-irradiation. *Journal of Comparative and Physiological Psychology*, 51:292-294, 1958.
- FURCHTGOTT, ERNEST, and ECHOLS, MAGILL: Activity and emotionality in pre- and neonatally X-irradiated rats. *Journal of Comparative and Physiological Psychology*, 51:541-545, 1958.
- FURCHTGOTT, ERNEST, ECHOLS, MAGILL, and OPENSHAW, J. W.: Maze learning in pre- and neonatally X-irradiated rats. *Journal of Comparative and Physiological Psychology*, 51:178-180, 1958.
- FURCHTGOTT, ERNEST, MURPHREE, R. L., PACE, HENRY B., and DEES, JAMES W.: Mating activity in fetally irradiated male swine and rats. *Psychological Report*, 5:545-548, 1959.
- FURCHTGOTT, ERNEST, and TACKER, R. S.: Adjustment to food deprivation cycles as a function of age and prenatal X-irradiation. *Journal of Genetic Psychology*, 102:257-260, 1963.
- FURCHTGOTT, ERNEST, and WECHKIN, STANLEY: Avoidance conditioning as a function of prenatal X-irradiation and age. *Journal of Comparative and Physiological Psychology*, 55:57-61, 1962.
- FURCHTGOTT, ERNEST, WECHKIN, S., and DEES, J.: Open-field exploration as a function of age. *Journal of Comparative and Physiological Psychology*, 54:386-388, 1961.
- FURCHTGOTT, ERNEST, WECHKIN, S., and ELDER, R. F., JR.: Motor performance in the rat as a function of age and prenatal X-irradiation. *Journal of Comparative and Physiological Psychology*, 54:658-659, 1961.
- MH-1065 (R01) KALLMANN, FRANZ J.: Genetic study of mentally defective twins. Columbia University, New York, N.Y. (1956-58)
- ALLEN, GORGON, and BAROFF, GEORGE S.: Mongoloid twins and their siblings. *Acta Genetica et Statistica Medica*, 5:294-326, 1955.
- ALLEN, GORGON, and KALLMANN, F. J.: Mongolism in twin sibships. *Acta Genetica et Statistica Medica*, 7:385-393, 1957.
- ALLEN, G., KALLMANN, F. J., BAROFF, G. S., and SANK, D.: Etiology of mental subnormality in twins. In: Kallmann, F. J., ed. *Expanding goals of genetics in psychiatry*. New York, Grune & Stratton, 1962, p. 174-191.
- BAROFF, GEORGE S.: Bender-gestalt visuo-motor function in mental deficiency. *Journal of Mental Deficiency*, 61:753, 1957.
- BAROFF, GEORGE S.: Patterns of discovery in the genetics of mental deficiency (discussion). *Diseases of the Nervous System*, 19(7):38-39, 1958.
- BAROFF, GEORGE S.: Current theories on the etiology of mongolism. *Eugenics Quarterly*, 5(4): 212-215, 1958.
- BAROFF, GEORGE S.: WISC patterning in endogenous mental deficiency. *American Journal of Mental Deficiency*, 64(3):482-485, 1959.
- SNYDERMAN, R. K., ROGERS, B. O., and ALLEN, G.: Additional confirmation of rejection of reciprocal skin homografts by dizygotic human twins. *Transplantation Bulletin*, 3:93, 1956.
- MH-1066 (R01) KOUNIN, JACOB S., and GUMP, PAUL V.: Leader handling of deviant behavior in groups. Wayne State University, Detroit, Mich. (1955-61)
- GUMP, P. V., and KOUNIN, J. S.: Issues raised by ecological and classical research efforts. *Merrill-Palmer Quarterly of Behavior and Development*, 6:145-152, 1960. (Also acknowledges MH-550).
- GUMP, P., and KOUNIN, J.: Milieu influences in children's concepts of misconduct. *Child Development*, 32:711-720, 1961.
- KOUNIN, JACOB S., and GUMP, PAUL V.: The ripple effect in discipline. *Elementary School Journal*, December: 158-162, 1958.
- KOUNIN, JACOB S., and GUMP, PAUL V.: The comparative influence of punitive and nonpunitive teachers upon children's concepts of school misconduct. *Journal of Educational Psychology*, 52 (1):44-49, 1961.
- KOUNIN, J., GUMP, P., and RYAN, J.: Explorations in classroom management. *Journal of Teacher Education*, 12(2):235-246, 1961.
- MH-1074 (R01) SCHNEIDMAN, EDWIN S.: The psychology of suicide. University of Southern California, Los Angeles, Calif. (1955-58)
- FARBEROW, N. L.: Personality patterns of suicidal mental hospital patients. In: Welsh, G. S., and Dahlstrom, W. G., eds. *Basic Reading on the MMPI*. Minneapolis, University of Minnesota, Press, 1956.



- FARBEROW, N. L., and SHNEIDMAN, E. S.: Attempted, threatened, and completed suicide. *Journal of Abnormal and Social Psychology*, 50(2): 230, 1955.
- FARBEROW, NORMAN L., and SHNEIDMAN, EDWIN S.: A Nisei woman attacks by suicide. In: Seward, Georgene, ed. *Clinical studies in culture conflict*. New York, Ronald Press, 1958, p. 335-358.
- FARBEROW, N. L., and SHNEIDMAN, E. S.: Suicide and the police officer. *Police*, 2:51-55, 1958.
- SHNEIDMAN, E. S.: Some logical, psychological and ecological environments of suicide. *California's Health*, 17:193-196, 1960.
- SHNEIDMAN, EDWIN S.: Orientations toward death. A vital aspect of the study of lives. In: White, Robert W., ed. *The study of lives. Essays on personality in honor of Henry A. Murray*. New York, Atherton Press, 1963, p. 200-227.
- SHNEIDMAN, E. S., and FARBEROW, N. L.: Clues to suicide. *Public Health Reports*, 71(2):109-114, 1956.
- SHNEIDMAN, E. S., and FARBEROW, N. L. (ed.): Clues to suicide. New York, McGraw-Hill, 1957, 227 p.
- SHNEIDMAN, E. S., and FARBEROW, N. L.: Some comparisons between genuine and simulated suicide states. *Journal of General Psychiatry*, 56: 251-256, 1957.
- SHNEIDMAN, E. S., and FARBEROW, N. L.: TAT heroes of suicidal and non-suicidal subjects. *Journal of Projective Techniques*, 22:211-288, 1958.
- SHNEIDMAN, EDWIN S., and FARBEROW, NORMAN L.: Suicide and death. In: Feifel, Herman, ed. *The meaning of death*. New York, McGraw-Hill, 1959, p. 284-301.
- SHNEIDMAN, EDWIN S., and FARBEROW, NORMAN L.: A socio-psychological investigation of suicide. In: David, Henry P., ed. *Perspectives in personality research*. New York, Basic Books, 1960.
- MH-1075 (R01) BIBER, BARBARA, and DINNERS-STEIN, DOROTHY: The psychological impact of school experience. Bank Street College of Education, New York, N.Y. (1955-61)
- BIBER, BARBARA: The implications for public education of research in learning. In: New directions in learning. Summary of Proceedings of the California Association of School Psychologists and Psychometrists. New York, Bank Street College of Education, Publication No. 56, 1959.
- BIBER, BARBARA: Integration of mental health principles in the school setting. In: Caplan, Gerald, ed. *Prevention of mental disorders in children*. New York, Basic Books, 1961, p. 323-352. (Also acknowledges MH-9135)
- BIBER, BARBARA: Formal and informal measures of thinking. In: Gottsegen, Monroe G., and Gottsegen, Gloria B., eds. *Professional school psychology*. Vol. 2. New York, Grune & Stratton, 1963, p. 18-35.
- BOBBITT, J. M.: Recent research in teacher training in mental health. In: Ojemann, Ralph H., ed. *Recent research looking toward preventive intervention*. Iowa City, Iowa, State University of Iowa, 1961.
- GUSSOW, Z.: The observer-observed relationship as information about structure in small-group research. *Psychiatry*, 27:230-247, 1964.
- KOHN, MARTIN, and BEKER, JEROME: Special methodological consideration in conducting field research in a school setting. *Psychology in the Schools*, 1:31-46, 1964. (Also acknowledges MH-9135).
- MINUCHIN, PATRICIA: Sex-role concepts and sex typing in childhood as a function of school and home environments. *Child Development*, 36(4):1033-1048, 1965.
- SHAPIRO, EDNA: Documenting modern and traditional school settings through classroom observations. In: Bellack, A., ed. *Proceedings of Conference on Research and Theory in Teaching*. New York, Teacher's College, Columbia University, 1963.
- MH-1076 (R01) GLOCK, CHARLES Y., and LENNARD, HENRY L.: Relevance of small group research to therapy. Columbia University, New York, N.Y. (1955-59)
- HENDIN, HELEN C., LENNARD, HENRY L., and BERNSTEIN, ARNOLD: Psychotherapy as a system of action. *American Journal of Psychiatry*, 117(10):903-909, 1961. (Also acknowledges MH-2882).
- LENNARD, HENRY L.: Some aspects of the psychotherapy system. In: Strupp, H., and Luborsky, L., eds. *Research in psychotherapy*. Washington, D.C.: American Psychological Association, 1962, p. 218-236. (Also acknowledges MH-2882).
- LENNARD, HENRY L., and BERNSTEIN, ARNOLD: The anatomy of psychotherapy: Systems of communication and expectation. New York, Columbia University Press, 1960, 209 p. (Also acknowledges MH-2882).
- LENNARD, HENRY L., CALOGERAS, ROY, and HENDIN, HELEN: Some relationships between verbal behaviour of therapist and patient in psychotherapy. *Journal of Psychology*, 43:181-186, 1957.
- PALMORE, ERDMAN, LENNARD, HENRY L., and HENDIN, HELEN: Similarities of the

- patient verbal behavior in psychotherapy. *Sociometry*, 22(1):12-22, 1959.
- MH-1078 (R01) MACKINNON, DONALD W., and BLOCK, JACK: Research in affective experience. University of California, Berkeley, Calif. (1955-59)
- BLOCK, J.: Studies in the phenomenology of emotions. *Journal of Abnormal and Social Psychology*, 54:358-363, 1957.
- BLOCK, J.: A study of affective responsiveness in a lie-detection situation. *Journal of Abnormal and Social Psychology*, 55:11-15, 1957.
- BLOCK, J.: An unprofitable application of the semantic differential. *Journal of Consulting Psychology*, 22:235-236, 1958.
- BLOCK, J.: On the number of significant findings to be expected by chance. *Psychometrika*, 25:369-380, 1960.
- BLOCK, J.: Ego identity, role variability, and adjustment. *Journal of Consulting Psychology*, 25:392-397, 1961.
- BLOCK, JACK: Measurement dimensions in a palmar resistance situation. *Psychological Reports*, 11:319-331, 1962.
- CHANG, J., and BLOCK, J.: A study of identification in male homosexuals. *Journal of Consulting Psychology*, 24:307-310, 1960.
- MH-1080 (R01) BOWER, ROBERT T., and WALKER, HARRY J.: Integration and social adjustment of school children. American University, Washington, D.C. (1955-56)
- WALKER, HARRY J., and MENDELSON, HAROLD: Theoretical and methodological considerations in a case study of pupil adjustment in desegregation. *Public Opinion Quarterly*, 21:406-409, 1957.
- MH-1085 (R01) WHITEHORN, JOHN C.: Carbohydrate metabolism in mental illness. Johns Hopkins University, Baltimore, Md. (1955-57)
- CARLETON, JOHN L., GREKEN, STANLEY E., and SCHULMAN, JEROME L.: Hypotensive reaction following the use of glucagon. *A. M. A. Archives of Internal Medicine*, 99:817-818, 1957.
- SCHULMAN, JEROME L., CARLETON, JOHN L., WHITNEY, GLADYS, and WHITEHORN, JOHN C.: Effect of glucagon on food intake and body weight in man. *Journal of Applied Physiology*, 11:419-421, 1957.
- SCHULMAN, JEROME L., and GREKEN, STANLEY E.: The effect of glucagon on the blood glucose level and the clinical state in the presence of marked insulin hypoglycemia. *Journal of Clinical Investigation*, 36:74-80, 1957.
- MH-1090 (R01) LEIBOWITZ, HERSCHEL W.: Analytic studies of visual perception. University of Wisconsin, Madison, Wisc. (1955-60)
- BERMAN, P. W., and LEIBOWITZ, H. W.: Some effects of contour on simultaneous brightness contrast. *Journal of Experimental Psychology*, 69(3):251-256, 1965.
- DESOTA, C., and LEIBOWITZ, H.: Perceptual organization and intelligence: A further study. *Journal of Abnormal and Social Psychology*, 53:334-337, 1956.
- DUNN, B., and LEIBOWITZ, H.: The effect of separation between test and inducing fields on brightness constancy. *Journal of Experimental Psychology*, 61:505-507, 1961.
- LEIBOWITZ, H.: Relation between the Brunswick & Thoutless ratios and functional relations in experimental investigations of perceived shape, size, and brightness. *Perceptual and Motor Skills*, 6:65-68, 1956.
- LEIBOWITZ, H.: Über die verschiedenen Mechanismen der Sehgrößenkonstanz. *Naturwissenschaften*, 24:621, 1958.
- LEIBOWITZ, H.: Some visual illusions and the mechanisms of size perception. *Acta Psychologica*, 14:844-845, 1961. (Proceedings of the 16th Annual Conference of Psychology, 1960).
- LEIBOWITZ, H.: Apparent visual size as a function of distance for mentally deficient subjects. *American Journal of Psychology*, 74:98-100, 1961.
- LEIBOWITZ, HERSCHEL W.: Visual perception. New York, Macmillan, 1965, 177 p. (Marx, Melvin H., ed. *The critical issues in psychology series*.)
- LEIBOWITZ, H., BUSHEY, T., and MCGUIRE, P.: Shape and size constancy in photographic reproductions. *Journal of the Optical Society of America*, 47:658-661, 1957.
- LEIBOWITZ, H., and CHINETTI, P.: Effect of reduced exposure duration on brightness constancy. *Journal of Experimental Psychology*, 54:49-53, 1957.
- LEIBOWITZ, H., CHINETTI, P., and SIDOWSKI, J.: Exposure duration as a variable in perceptual constancy. *Science*, 123:668-669, 1956.
- LEIBOWITZ, H., and HARTMAN, T.: Magnitude of the moon illusion as a function of the age of the observer. *Science*, 130:569-570, 1959; *Reply to Howland*, 130:1365-1366, 1959; *Reply to Church*, 131:239, 1959; and *Reply to Cohen*, 131:694, 1959.
- LEIBOWITZ, H., and HEISEL, MARCEL: L'évaluation de l'illusion de Ponzo en fonction de l'âge. *Archives de Psychologie*, 36:328-331, 1958.
- LEIBOWITZ, H. W., and PISHKIN, V.: Perceptual size constancy in chronic schizophrenia. *Journal of Consulting Psychology*, 25:196-199, 1961.

- LEIBOWITZ, H., WASKOW, I., LOEFFLER, N., and GLASER, F.: Intelligence level as a variable in the perception of shape. *Quarterly Journal of Experimental Psychology*, 11:108-112, 1959.
- PISHKIN, V., SMITH, T., and LEIBOWITZ, H.: The influence of symbolic stimulus value on perceived size in chronic schizophrenia. *Journal of Consulting Psychology*, 26:323-330, 1962.
- RIESS, BERNARD F., and BRANDT, LEWIS W.: What happens to applicants for psychotherapy? *Community Mental Health Journal*, 1(2):175-180, 1965.
- ZEIGLER, H. P., and LEIBOWITZ, H.: Apparent visual size as a function of distance for children and adults. *American Journal of Psychology*, 70:106-109, 1957.
- ZEIGLER, H. P., and LEIBOWITZ, H.: A methodological study of "shape constancy" in the rhesus monkey. *Journal of Comparative and Physiological Psychology*, 51:155-160, 1958.
- MH-1091 (R01) REESE, WILLIAM G., DYKMAN, ROSCOE A., and GALBRECHT, CHARLES: Psychophysiology of conditioning and extinction. University of Arkansas, Little Rock, Ark. (1955- )
- BOYLE, RONALD H., DYKMAN, ROSCOE A., and ACKERMAN, PEGGY T.: Relationships of resting autonomic activity, motor impulsivity, and EEG tracings in children. *Archives of General Psychiatry*, 12:314-323, 1965.
- CORSON, S. A., CORSON, E. O., DYKMAN, R. A., PETERS, J. E., REESE, W. G., and SEAGER, L. D.: The nature of conditioned antidiuretic and electrolyte retention responses. *Acta Nervosa Superior*, 4(3-4):359-381, 1962.
- CORSON, S. A., DYKMAN, R. A., CORSON, E. O., PETERS, J. E., SEAGER, L. D., and REESE, W. G.: Conditioned reflex studies on renal function. (Abstract) *Federation Proceedings*, 17(1):30, 1958.
- CORSON, S. A., DYKMAN, R. A., CORSON, E. O., REESE, W. G., PETERS, J. E., and SEAGER, L. D.: Electrolyte excretion during positive and negative conditioned responses in dogs. (Abstract) *Federation Proceedings*, 18(1):31, 1959.
- DYKMAN, R. A., ACKERMAN, P. T., GALBRECHT, C. R., and REESE, W. R.: Physiological reactivity to stressors and methods of evaluation. *Psychosomatic Medicine*, 25:37-59, 1963. (Also acknowledges MH-6009).
- DYKMAN, R. A., CORSON, S. A., REESE, W. G., and SEAGER, L. D.: Inhibition of urine flow as a component of the conditional defense reaction. *Psychosomatic Medicine*, 24:177-186, 1962.
- DYKMAN, R. A., and GANTT, W. H.: The parasympathetic components of unlearned and acquired cardiac responses. *Journal of Comparative and Physiological Psychology*, 52:163-167, 1959.
- DYKMAN, R. A., and GANTT, W. H.: A case of experimental neurosis and recovery in relation to the orienting response. *Journal of Psychology*, 50:105-110, 1960.
- DYKMAN, R. A., MACK, R. L., and ACKERMAN, P. T.: The evaluation of autonomic and motor components of the nonavoidance conditioned response in the dog. *Psychophysiology*, 1(3):209-230, 1965. (Also acknowledges MH-6009).
- DYKMAN, ROSCOE A., MURPHREE, ODDIST D., and ACKERMAN, PEGGY T.: Litter patterns in the offspring of nervous and stable dogs: II. Autonomic and motor conditioning. *Journal of Nervous and Mental Disease*, 141(4):419-431, 1965.
- DYKMAN, R. A., REESE, W. G., and GALBRECHT, C. R.: A method of studying psychological adaptation to novel signals. *Psychiatric Research Reports*, 12:53-64, 1960.
- DYKMAN, R. A., REESE, W. G., GALBRECHT, C. R., and THOMASSON, P. J.: Psychophysiological reactions to novel stimuli: Measurement, adaptation, and relationship of psychological and physiological variables in the normal human. *Annals of the New York Academy of Sciences*, 79:43-107, 1959.
- GALBRECHT, CHARLES R., and DYKMAN, ROSCOE A.: On the scoring of heart rate: Reply to criticisms. *Psychophysiology*, 2(1):42-46, 1965.
- GALBRECHT, C. R., DYKMAN, R. A., and PETERS, J. E.: The effect of traumatic experiences on the growth and behavior of the rat. *Journal of Psychology*, 50:227-251, 1960.
- GALBRECHT, CHARLES R., DYKMAN, ROSCOE A., REESE, WILLIAM G., and SUZUKI, TETSUKO: Intrasession adaptation and intersession extinction of the components of the orienting response. *Journal of Experimental Psychology*, 70(6):585-597, 1965. (Also acknowledges MH-6009).
- MACK, R. L., DAVENPORT, O. L., and DYKMAN, R. A.: Cardiovascular conditioning in dogs. *American Journal of Physiology*, 201:437-439, 1961.
- MURPHREE, ODDIST D., and DYKMAN, ROSCOE A.: Litter patterns in the offspring of nervous and stable dogs. I. Behavioral tests. *Journal of Nervous and Mental Disease*, 141(3):321-332, 1965.
- PETERS, JOHN E., and FINCH, STEPHEN B.: Short and long range effects on the rat of a fear-provoking stimulus. *Psychosomatic Medicine*, 23:138-152, 1961. (Also acknowledges MH-2564).
- REESE, W. G., and DYKMAN, R. A.: Conditional cardiovascular reflexes in dogs and men. *Physiological Reviews*, 40(Suppl. 4):250-265, 1960.

- REESE, W. G., DYKMAN, R. A., and GALBRECHT, C. R.: Psychophysiological reactions of "normals" and psychiatric patients. *Psychiatric Research Reports*, 14:91-103, 1961.
- SIMON, M. D.: Body configuration and school readiness. *Child Development*, 30:493-512, 1959.
- WILSON, JAMES W., and DYKMAN, R. A.: Background autonomic activity in medical students. *Journal of Comparative and Physiological Psychology*, 53:405-411, 1960.
- MH-1096 (R01) WHITING, JOHN W. M.: Development of self-control in children. Harvard University, Cambridge, Mass. (1955- )
- BROWN, JUDITH K.: Cross-cultural study of female initiation rites. *American Anthropologist*, 65(4): 837-853, 1963.
- BURTON, R. V., MACCOBY, E. E., and ALLINSMITH, W.: Antecedents of resistance to temptation in four-year-old children. *Child Development*, 32: 689-711, 1961.
- BURTON, R. V., and WHITING, J.: The absent father and cross-sex identity. *Merrill-Palmer Quarterly*, 7(2):85-95, 1961.
- D'ANDRADE, R. G.: Anthropological studies of dreams. In: Hsu, F. L. K., ed. *Psychological anthropology*. Homewood, Ill., The Dorsey Press, 1961, p. 296-352.
- GRINDER, R. B.: Parental child rearing practices, guilt and resistance to temptation of sixth grade children. (Abstract) *American Psychologist*, 15: 399, 1960.
- HERZOG, JOHN D.: Deliberate instruction and household structure. *Harvard Educational Review*, 32(3):302-342, 1962.
- LEVIN, H., and SEARS, R. R.: Identification with parents as a determinant of doll play aggression. *Child Development*, 27:135-153, 1956. (Also acknowledges MH-461).
- MACCOBY, E. E.: Role-taking in childhood and its consequences for social learning. *Child Development*, 30:239-252, 1959.
- SEARS, R. R.: Transcultural variables and conceptual equivalence. In: Kaplan, B., ed. *Studying personality cross-culturally*. Evanston, Ill., Row, Peterson, 1961.
- SEARS, R. R., MACCOBY, ELEANOR E., and LEVIN, H.: Patterns of child rearing. Evanston, Ill., Row, Peterson, 1957, 549 p. (Also acknowledges MH-461 and MH-844).
- SEARS, R. R., MACCOBY, ELEANOR E., and LEVIN, H.: The socialization of aggression. In: Readings in social psychology. New York, Henry Holt, 1958, p. 350-359.
- STEPHENS, W. N.: A cross-cultural study of menstrual taboos. *Genetic Psychology Monographs*, 64:385-416, 1961.
- WHITING, B. B., ed.: Six cultures: Studies in child rearing. New York, John Wiley, 1963, 1017 p.
- WHITING, J. W. M.: Sorcery, sin, and the superego. In: The Nebraska Symposium on Motivation. Lincoln, Neb., University of Nebraska Press, 1959, 22 p.
- WHITING, J. W. M.: Resource mediation and learning by identification. In: Iscoe, I., and Stevenson, H., eds. *Personality development in children*. Austin, University of Texas Press, 1960, p. 112-127.
- WHITING, J. W. M.: Totem and taboo: A re-evaluation. In: Masserman, Jules H., ed. *Psychoanalysis and human values*. New York, Grune & Stratton, 1960, p. 150-154.
- WHITING, J. W. M.: The socialization process and personality. In: Hsu, F. L. K., ed. *Psychological anthropology*. Homewood, Ill., Dorsey Press, 1961, p. 355-380.
- WHITING, J., KLUCKHOLN, R., and ANTHONY, A.: The function of male initiation ceremonies at puberty. In: Maccoby, Newcomb, and Hartley, eds. *Readings in social psychology*. New York, Henry Holt, 1958, p. 359-371.
- WHITING, J., and WHITING, B.: Contributions of anthropology to the methods of studying child rearing. In: Mussen, P. H., ed. *Handbook of research methods in child development*. New York, John Wiley, 1960, p. 918-944.
- MH-1098 (R01) WRIGHT, HERBERT F.: Children's behavior in communities differing in size. University of Kansas, Lawrence, Kans. (1955- )
- BARKER, R. G., WRIGHT, H. F., BARKER, LOUISE S., and SCHOGGEN, MAXINE: Specimen records of American and English children. Lawrence, Kansas, University of Kansas Press, 1961, 271 p. (Also acknowledges MH-1513).
- DEEBLE, C. T., and WRIGHT, H. F.: Measures of the child's acquaintance range outside his neighborhood in communities differing in size. (Abstract) *American Psychologist*, 13:328, 1958.
- KERKMAN, D. H., and WRIGHT, H. F.: Activity settings and behavior of children at school in communities differing in size. (Abstract) *American Psychologist*, 14:346, 1959.
- KERKMAN, D. H., and WRIGHT, H. F.: A cinematographic study of classroom behavior patterns in communities differing in size. (Abstract) *American Psychologist*, 16:362, 1961.
- WRIGHT, H. F.: Observational child study. In: Mussen, P. H., ed. *Handbook of child psychology*. New York, John Wiley, 1960, p. 71-139.

- WRIGHT, H. F.: The city-town project: A study of children in communities differing in size. Lawrence, Kansas, Department of Psychology, University of Kansas, 1961, 201 p. (Processed)
- WRIGHT, H. F., DEEBLE, C. T., and RAGLE, D. M.: Children's acquaintance with neighborhood families in communities differing in size. (Abstract) *American Psychologist*, 12:365, 1957.
- WRIGHT, H. F., and WIRST, W. M.: Children's miniature constructions of their communities as habitat models in communities differing in size. (Abstract) *American Psychologist*, 13:328, 1958.
- MH-1099 (R01) ZEAMAN, DAVID, FONDA, CHARLES P., and HOUSE, BETTY J.: Learning and transfer in mental defectives. University of Connecticut, Storrs, Conn. (1955- )
- CAMPIONE, JOSEPH, HYMAN, LESTER, and ZEAMAN, DAVID: Dimensional shifts and reversals in retardate discrimination learning. *Journal of Experimental Child Psychology*, 2(3):255-263, 1965.
- DENEGRE, JOSEPH: The effect on retardate discrimination learning of various stimuli associated with reward. *Journal of Experimental Child Psychology*, 3(1):74-82, 1966.
- HOUSE, B. J.: Recalls versus trials as factors in serial verbal learning of retardates. *Psychological Reports*, 12:931-941, 1963.
- HOUSE, B. J.: Discrimination learning without overt response or reward in retardates. *American Journal of Mental Deficiency*, 68:734-740, 1964.
- HOUSE, B. J.: The effect of distinctive responses on discrimination reversals in retardates. *American Journal of Mental Deficiency*, 69:79-85, 1964.
- HOUSE, B. J.: Oddity performance in retardates: I. Acquisition and transfer. *Child Development*, 35:635-643, 1964.
- HOUSE, B. J.: Oddity performance in retardates: II. Size discrimination functions from oddity and verbal methods. *Child Development*, 35:645-651, 1964.
- HOUSE, B. J., ORLANDO, R., and ZEAMAN, D.: Role of positive and negative cues in the discrimination learning of mental defectives. *Perceptual and Motor Skills*, 7:73-79, 1957.
- HOUSE, B. J., SMITH, M., and ZEAMAN, D.: Verbal learning and retention as a function of number of lists in retardates. *American Journal of Mental Deficiency*, 69:239-243, 1964.
- HOUSE, B. J., and ZEAMAN, D.: Visual discrimination learning in imbeciles. *American Journal of Mental Deficiency*, 63:447-452, 1958.
- HOUSE, B. J., and ZEAMAN, D.: A comparison of discrimination learning in normal and mentally defective children. *Child Development*, 29:411-
- HOUSE, B. J., and ZEAMAN, D.: Reward and non-reward in the discrimination learning of imbeciles. *Journal of Comparative and Physiological Psychology*, 51:614-618, 1958.
- HOUSE, B. J., and ZEAMAN, D.: Position discrimination and reversals in lowgrade retardates. *Journal of Comparative and Physiological Psychology*, 52:564-565, 1959.
- HOUSE, B. J., and ZEAMAN, D.: Visual discrimination learning and intelligence in defectives of low mental age. *American Journal of Mental Deficiency*, 65:51-58, 1960.
- HOUSE, B. J., and ZEAMAN, D.: Transfer of a discrimination from objects to patterns. *Journal of Experimental Psychology*, 59:298-302, 1960.
- HOUSE, B. J., and ZEAMAN, D.: Effects of practice on the delayed response of retardates. *Journal of Comparative and Physiological Psychology*, 55:223-229, 1961.
- HOUSE, B. J., and ZEAMAN, D.: Reversal and non-reversal shifts in the discrimination learning of retardates. *Journal of Experimental Psychology*, 63:444-451, 1962.
- HOUSE, B. J., and ZEAMAN, D.: Miniature experiments in the discrimination learning of retardates. In: Lipsitt, L. P., and Spiker, C. C., eds. *Advances in child development and behavior*. New York, Academic Press, 1963.
- HOUSE, B. J., and ZEAMAN, D.: Learning sets from minimum stimuli in retardates. *Journal of Comparative and Physiological Psychology*, 50:739, 1963.
- SCHOELEKOPF, A. M., and ORLANDO, R.: Delayed vs. immediate reinforcement in simultaneous discrimination problems with mentally retarded children. *Psychological Record*, 15:15-23, 1964.
- SCOTT, K. G.: A programmer for discrimination learning studies. *Journal of the Experimental Analysis of Behavior*, 7:66, 1964.
- SCOTT, K. G.: An apparatus for the simultaneous presentation of color and form. *Journal of Experimental Analysis of Behavior*, 7:201-206, 1964.
- SHEPP, B. E.: Some cue properties of anticipated rewards in discrimination learning of retardates. *Journal of Comparative and Physiological Psychology*, 55:856-859, 1962.
- ZEAMAN, D.: Skinner's theory of teaching machines. In: Galanter, E., ed. *Automated teaching*. New York, John Wiley & Sons, 1959, p. 167-186.
- ZEAMAN, D.: Teaching machines. *Grade Teacher*, 78(1):39, 104, 106, 109, 111-112, 1960.
- ZEAMAN, D., and HOUSE, B. J.: Discrimination learning in retardates. *Training School Bulletin*, 1960.

- ZEAMAN, D., and HOUSE, B. J.: Approach and avoidance in the discrimination learning of retardates. *Child Development*, 33:355-372, 1962.
- ZEAMAN, D., and HOUSE, B. J.: Mongoloid MA is proportional to log CA. *Child Development*, 33: 481-488, 1962.
- ZEAMAN, D., and HOUSE, B. J.: An attention theory of retardate discrimination learning. In: Ellis, N. R., ed. *Handbook in mental deficiency: Psychological theory and research*. New York, McGraw-Hill, 1963.
- ZEAMAN, D., HOUSE, B. J., and ORLANDO, R.: Use of special training conditions in visual discrimination learning with imbeciles. *American Journal of Mental Deficiency*, 63:453-459, 1958.
- MH-1103 (R01) RASMUSSEN, A. F., JR., BRILL, NORMAN Q., and MARSH, JAMES T.: Psychological stress and resistance to diseases. University of California, Berkeley, Calif. (1955-57)
- JENSEN, M. M., and RASMUSSEN, A. F.: Biphasic changes in leukocyte counts and in susceptibility to vesicular stomatitis virus in sound-stressed mice. *Bacteriological Proceedings of the American Society of Microbiology*, 1962, p. 149.
- JENSEN, M. M., and RASMUSSEN, A. F.: Stress and susceptibility to viral infection. I. Response of adrenals, liver, thymus, spleen and peripheral leukocyte counts to sound stress. *Journal of Immunology*, 90:17-20, 1963.
- JENSEN, M. M., and RASMUSSEN, A. F.: Stress and susceptibility to viral infection. II. Sound stress and susceptibility to vesicular stomatitis virus. *Journal of Immunology*, 90:21-23, 1963.
- JOHNSON, T., LAVENDER, J. F., HULTIN, E., and RASMUSSEN, A. F., JR.: The influence of avoidance-learning stress on resistance to Coxsackie B virus in mice. *Journal of Immunology*, 91:569-575, 1963.
- MARSH, J. T., LAVENDER, J. F., CHANG, S. S., and RASMUSSEN, A. F.: Poliomyelitis in monkeys: Decreased susceptibility after avoidance stress. *Science*, 140:1414-1415, 1963.
- MARSH, J. T., and RASMUSSEN, A. F., JR.: Effects of exposure to fear producing stressors on mouse organ weights and leukocyte counts. *Federation Proceedings*, 18:583, 1959.
- MARSH, J. T., and RASMUSSEN, A. F., JR.: Response of adrenals, thymus, spleen and leukocytes to shuttle box and confinement stress. *Proceedings of the Society for Experimental Biology and Medicine*, 104:180-183, 1960.
- RASMUSSEN, A. F., JR.: Emotional stress and susceptibility to infectious and allergic diseases. *Journal of the Formosan Medical Association*, 59:1331-1338, 1960.
- RASMUSSEN, A. F., HILDEMAN, W. H., and SELLERS, M. I.: Malignancy of polyoma virus in relation to stress. *Journal of the National Cancer Institute*, 30:101-112, 1963.
- RASMUSSEN, A. F., JR., MARSH, J. T., and BRILL, N. Q.: Increased susceptibility to herpes simplex in mice subjected to avoidance-learning stress or restraint. *Proceedings of Society for Experimental Biology and Medicine*, 96:183-189, 1957.
- TREADWELL, P. E., and RASMUSSEN, A. F., JR.: Passive anaphylaxis in mice with homologous antiserum. II. Reaction due to circulating and tissue antibody. *Journal of Immunology*, 89:775-781, 1962.
- TREADWELL, P. E., and RASMUSSEN, A. F., JR.: Passive anaphylaxis in mice with homologous antiserum. III. Strain susceptibility and modification with prior antigen-antibody reactions. *Journal of Immunology*, 91:859-865, 1963.
- TREADWELL, P. E., RASMUSSEN, A. F., JR., and WEIMER, H. E.: Passive anaphylaxis in the mouse due to homologous antiserum-antigen complexes: The occurrence of a heat labile factor. (Abstract) *Bacteriological Proceedings*, p. 73, 1959.
- TREADWELL, P. E., WISTAR, R., and RASMUSSEN, A. F., JR.: Passive anaphylaxis in mice with homologous antiserum. I. Some quantitative aspects. *Journal of Immunology*, 84:539-544, 1960.
- TREADWELL, P. E., WISTAR, R., RASMUSSEN, A. F., JR., and MARSH, J. T.: The effects of acute stress on the susceptibility of mice to passive anaphylaxis. *Federation Proceedings*, 18:602, 1959.
- WISTAR, R., JR., TREADWELL, P. E., and RASMUSSEN, A. F., JR.: The role of the reticuloendothelial system in mouse anaphylaxis as tested with homologous antibody-antigen complexes. *Journal of Experimental Medicine*, 111:631-641, 1960.
- MH-1106 (R01) WALLACE, ANTHONY F. C.: Mental health aspects of cultism. Eastern Pennsylvania Psychiatric Institute, Philadelphia, Pa. (1955-58) (Continued from MH-883).
- WALLACE, A. F. C.: Stress and rapid personality changes. *International Record of Medicine and General Practice Clinics*, 169:761-774, 1956. (Also acknowledges MH-883).
- WALLACE, A. F. C.: New religions among the Delaware Indians, 1600-1900. *Southwestern Journal of Anthropology*, 12:1-21, 1956. (Also acknowledges MH-883).
- WALLACE, A. F. C.: Mazeway resynthesis: A biocultural theory of religious inspiration. *Transactions of the New York Academy of Science*, 18 (Series II): 626-638, 1956. (Also acknowledges MH-883).

- WALLACE, ANTHONY F. C.: The Dekanawidah myth analyzed as the record of a revitalization movement. *Ethnohistory*, 5:118-130, 1958. (Also acknowledges MH-883).
- WALLACE, ANTHONY F. C.: Cultural determinants of response to hallucinatory experience. *A. M. A. Archives of General Psychiatry*, 1:58-69, 1959. (Also acknowledges MH-883).
- WALLACE, ANTHONY F. C.: The institutionalization of cathartic and control strategies in Iroquois religious psychotherapy. In: Opler, Marvin K., ed. *Culture and mental health*. New York, MacMillan, 1959, p. 63-96. (Also acknowledges MH-883).
- WALLACE, ANTHONY F. C.: Towards a classification of cult movements: Some further contributions. *Man*, 59:25-26, 1959. (Also acknowledges MH-883).
- WALLACE, ANTHONY F. C.: Schools in revolutionary and conservative societies. In: Gruber, Frederick C., ed. *Anthropology and education*. Philadelphia, University of Pennsylvania, 1961, p. 25-54. (Also acknowledges MH-883).
- WALLACE, ANTHONY F. C.: Cultural composition of the Handsome Lake religion. In: Fenton, W. N., and Gulick, John, eds. *Symposium on Cherokee and Iroquois culture*. Washington, D.C., Bureau of American Ethnology, 1961, p. 139-151. (Bulletin 180). (Also acknowledges MH-883).
- WALLACE, ANTHONY F. C.: Cultural revitalization: A function of religion in human history and evolution. Boston, Institute for Religion in an Age of Science, 1962, 24 p. (Also acknowledges MH-883).
- WALLACE, ANTHONY F. C.: Mass hysteria. In: Deutsch, Albert, ed. *Encyclopedia of mental health*. New York, Franklin Watts, 1963, p. 990-997. (Also acknowledges MH-883).
- WALLACE, ANTHONY F. C.: Exporting the American idea: Quaker technology and the Senecas. *Saturday Review*, April, 1963, p. 54-56. (Also acknowledges MH-883).
- MH-1107 (R01) SASLOW, GEORGE, and MATARAZZO, JOSEPH D.: Measurement of human interaction. Massachusetts General Hospital, Boston, Mass. (1955-57) (Continued as MH-1938).
- KANFER, F. H. PHILLIPS, JEANNE S., MATARAZZO, J. D., and SASLOW, G.: Experimental modification of interviewer content in standardized interviews. *Journal of Consulting Psychology*, 24:528-536, 1960. (Also acknowledges MH-1938).
- MATARAZZO, J. D.: Prescribed behavior therapy: Suggestions from interview research. In: Bachrach, A. J., ed. *Experimental foundations of clinical psychology*. New York, Basic Books, 1962, p. 471-509. (Also acknowledges MH-735 and MH-1938).
- MATARAZZO, J. D., and SASLOW, G.: Differences in interview interaction behavior among normal and deviant groups. In: Berg, I. A., and Bass, B. M., eds. *Conformity and deviation*. New York, Harper & Bros., 1961, p. 286-327. (Also acknowledges MH-1938).
- MATARAZZO, J. D., SASLOW, G., and GUZZI, S. P.: Stability of interaction patterns during interview. A replication. *Journal of Consulting Psychology*, 20:267-274, 1956.
- MATARAZZO, J. D., SASLOW, G., and MATARAZZO, RUTH G.: The interaction chronograph as an instrument for objective measurement of interaction patterns during interviews. *Journal of Psychology*, 41:347-367, 1956.
- MATARAZZO, J. D., SASLOW, G., and HARE, A. P.: Factor analysis of interview interaction behavior. *Journal of Consulting Psychology*, 22:419-424, 1958. (Also acknowledges MH-1938).
- MATARAZZO, J. D., SASLOW, G., MATARAZZO, RUTH G., and PHILLIPS, JEANNE S.: Stability and reliability of personality patterns manifested during a standardized interview. In: Hoch, P. S., and Zubin, J., eds. *Psychopathology of communication*. New York, Grune & Stratton, 1958, p. 125. (Also acknowledges MH-1938).
- MATARAZZO, J. D., SASLOW, G., and PARRIS, B. L.: Verbal conditioning of two response classes: Some methodological considerations. *Journal of Abnormal and Social Psychology*, 61:190-206, 1958. (Also acknowledges MH-1938).
- MATARAZZO, J. D., WEITMAN, M., and SASLOW, G.: Interview content and interviewee speech durations. *Journal of Clinical Psychology*, 19(4):472, 1963. (Also acknowledges MH-1938).
- MATARAZZO, J. D., WEITMAN, M., SASLOW, G., and WIENS, A. N.: Interviewer influence on durations of interviewee speech. *Journal of Verbal Learning and Verbal Behavior*, 1(6):445-458, 1963. (Also acknowledges MH-1938).
- MATARAZZO, RUTH G., MATARAZZO, J. D., SASLOW, G., and PHILLIPS, JEANNE S.: Psychological and organismic correlates of interview interaction behavior. *Journal of Abnormal and Social Psychology*, 56(3):329-338, 1958. (Also acknowledges MH-1938).
- PHILLIPS, JEANNE S., MATARAZZO, J. D., MATARAZZO, RUTH G., and SASLOW, G.: Observer reliability of interaction patterns during interview. *Journal of Consulting Psychology*, 21:269-274, 1957. (Also acknowledges MH-1938).
- SASLOW, G., HARE, A. P., WAXLER, NANCY, and MATARAZZO, J. D.: Simultaneous recording of Dales and Chapple interaction measures during

- initial psychiatric interviews. *Journal of Consulting Psychology*, 24(2):193, 1960. (Also acknowledges MH-1938).
- SASLOW, G., MATARAZZO, J. D., PHILLIPS, JEANNE S., and MATARAZZO, RUTH G.: Test-retest stability of interaction patterns during interviews conducted one week apart. *Journal of Abnormal and Social Psychology*, 54(3):295-302, 1957. (Also acknowledges MH-1938).
- SASLOW, GEORGE, and MATARAZZO, JOSEPH D.: A technique for studying changes in interview behavior. In: Strupp, H. H., and Luborsky, L., eds. *Research in psychotherapy*. Washington, D.C., American Psychological Association, 1959, p. 125-159. (Also acknowledges MH-1938).
- SASLOW, G., MATARAZZO, J. D., and HESS, H. F.: Frequency and duration characteristics of speech and silence behavior during interviews. *Journal of Clinical Psychology*, 18:416-426, 1962. (Also acknowledges MH-1938).
- MH-1115 (R01) HOLMES, THOMAS H.: Psychosocial studies in the natural history of TB. University of Washington, Seattle, Wash. (1955-57)
- HART, J. E., JACKSON, J. K., and HOLMES, T. H.: A medical and psychosocial study of tuberculous patients who relapse to infectious sputum during hospitalization. (Abstract) *Clinical Research*, 7: 74, 1959.
- HAWKINS, NORMAN G., and JACKSON, JOAN K.: Scale analysis and the prediction of life processes. *American Sociological Review*, 22:579-581, 1957.
- JACKSON, JOAN K.: The adjustment of the family to alcoholism. *Marriage and Family Living*, 18 (4):361-369, 1956.
- JACKSON, JOAN K.: The problems of the alcoholic tuberculous patient. In: Sparer, Phineas J., ed. *Personality stress and tuberculosis*. No. 30. New York, International Universities Press, 1956, p. 504-538.
- JACKSON, JOAN K.: Some aspects of the sanatorium adjustment difficulties of white, male skid road alcoholic tuberculous patients, No. 31. In: Sparer, Phineas J., ed. *Personality stress and tuberculosis*. New York, International Universities Press, 1956, p. 539-573.
- JACKSON, JOAN K.: The definition and measurement of alcoholism: H-technique scales of preoccupation with alcohol and psychological involvement. *Quarterly Journal of Studies on Alcohol*, 18:240-262, 1957.
- JACKSON, JOAN K.: H-technique scales of preoccupation with alcohol and of psychological involvement in alcoholics: Time order of symptoms. *Quarterly Journal of Studies on Alcohol*, 18:451-467, 1957.
- JACKSON, JOAN K.: Some characteristics of tuberculous alcoholics. In: Selected papers from public health. New York, National Tuberculosis Association, 1957.
- JACKSON, JOAN K.: Alcoholism and the family. *Annals of the American Academy of Political and Social Science*, 315:90-98, 1958.
- JACKSON, JOAN K.: Types of drinking patterns of male alcoholics. *Quarterly Journal of Studies on Alcohol*, 19:269-302, 1958.
- JACKSON, JOAN K.: Common denominators in alcoholism and tuberculosis: A social science view. In: The alcoholic tuberculous patient and the community. Glendale, Md., Glen Dale Hospital, 1959, p. 33-52.
- JACKSON, JOAN K.: Communication is important. *American Journal of Nursing*, 59:90-93, 1959.
- JACKSON, JOAN K.: Considerations in setting up treatment programs for alcoholics in tuberculosis hospitals. In: Proceedings of the North American Association for Alcoholism Programs. West Harwich-by-the-Sea, Mass., North American Association for Alcoholism, 1960, p. 21-37.
- JACKSON, JOAN K., and FERGUS, EMILY B.: The tuberculous alcoholic before and during hospitalization. *American Review of Tubercular and Pulmonary Diseases*, 79:659-662, 1959.
- JACKSON, JOAN K., and HOLMES, THOMAS H.: Alcoholism and tuberculosis. *Human Organization*, 16:40-43, 1958. Also in: Apple, Dorrian, ed. *Sociological studies of health and sickness*. New York, McGraw-Hill, 1959, p. 179-185.
- KOGAN, KATE L., and JACKSON, JOAN K.: Attitudes towards self and others in the sanatorium: Alcoholic and non-alcoholic. *American Review of Respiratory Diseases*, 82:542-550, 1960.
- KOGAN, KATE L., and JACKSON, JOAN K.: Self concepts of tuberculous and non-tuberculous alcoholics. *American Review of Respiratory Diseases*, 84: 407-413, 1961.
- MH-1118 (R01) SUTHERLAND, ARTHUR M.: Psychiatric adaptation to cancer and its treatment. Sloan Kettering Institute for Cancer Research, New York, N.Y. (1956-59)
- BARD, M.: Implications of analytic psychotherapy with the physically ill. *American Journal of Psychotherapy*, 13:860-871, 1959.
- BARD, M.: Psychological reactions to oral cancer. *Oral Surgery, Oral Medicine and Oral Pathology*, 12:922-928, 1959.
- BARD, M., and DYK, RUTH B.: The psychodynamic significance of beliefs regarding the cause of serious illness. *Psychoanalytic Review*, 43:146-162, 1956.



- BARD, MORTON, and WAXENBERG, SHELDON E.: Relationship of Cornell Medical Index responses to postsurgical invalidism. *Journal of Clinical Psychology*, 13:151-153, 1957.
- DRELLICH, MARVIN G., BIEBER, IRVING, and SUTHERLAND, ARTHUR M.: The psychological impact of cancer and cancer surgery. VI. Adaptation to hysterectomy. *Cancer*, 9:1120-1126, 1956.
- ORBACH, C. E., BARD, M., and SUTHERLAND, A. M.: Fears and defensive adaptations associated with loss of anal sphincter control. *Psychoanalytic Review*, 44:121-175, 1957.
- SCHON, MARTHA: Hypothyroidism. A psychoendocrinological evaluation. *Psychosomatics*, 5:203-212, 1964.
- SCHON, MARTHA, and SUTHERLAND, A. M.: The role of hormones in human behavior. III. Changes in female sexuality after hypophysectomy. *Journal of Clinical Endocrinology and Metabolism*, 20:833-841, 1960.
- SCHON, MARTHA, and SUTHERLAND, ARTHUR M.: The relationship of pituitary hormones to sexual behavior in women. In: *Advances in sex research*. New York, Hoeber-Harper, 1963, p. 33-47. (Also acknowledges MH-884).
- SCHON, MARTHA, SUTHERLAND, ARTHUR M., and RAWSON, RULON W.: Hormones and neuroses—the psychological effects of thyroid deficiency. In: *Proceedings of the 3rd World Congress of Psychiatry*. Montreal, University of Toronto Press/McGill University Press, 1962, p. 835-839.
- SCHON, MARTHA, and WAXENBERG, SHELDON E.: Effect of hypophysectomy on Bender-Gestalt test performance. *Journal of Clinical Psychology*, 14:299-302, 1958. (Also acknowledges MH-884).
- WAXENBERG, SHELDON E.: Some biological correlates of sexual behavior. In: Winokur, G., ed. *Determinants of human sexual behavior*. Springfield, Illinois, C. C. Thomas, 1963, p. 52-75. (Also acknowledges MH-884).
- WAXENBERG, SHELDON E., DRELLICH, MARVIN G., and SUTHERLAND, ARTHUR M.: The role of hormones in human behavior. I. Changes in female sexuality after adrenalectomy. *Journal of Clinical Endocrinology and Metabolism*, 19:193-202, 1959. (Also acknowledges MH-884).
- WAXENBERG, S. E., FINKBEINER, J. A., DRELLICH, M. G., and SUTHERLAND, A. M.: The role of hormones in human behavior. II. Changes in sexual behavior in relation to vaginal smears of breast cancer patients after oophorectomy and adrenalectomy. *Psychosomatic Medicine*, 22:435-442, 1960. (Also acknowledges MH-884).
- MH-1121 (R01) GOLDSTONE, SANFORD, and LHAMON, WILLIAM T.: Time sense in normal and psychopathologic states. Baylor University, Houston, Texas. (1956- )
- BAER, P. E., WUKASCH, D. C., and GOLDSTONE, S.: Time judgment and level of aspiration. *Perceptual and Motor Skills*, 16(3):648, 1963.
- BOARDMAN, W. K.: Constancy of absolute judgments of size by normals and schizophrenics. *Journal of Abnormal and Social Psychology*, 68:346-349, 1964. (Also acknowledges MH-5998).
- BOARDMAN, W. K., Aldrich, R. C., REINER, M. L., and GOLDSTONE, S.: The effects of anchors on apparent length. *Journal of General Psychology*, 61:45-49, 1959.
- BOARDMAN, W. K., and GOLDSTONE, S.: Effects of subliminal anchors upon judgments of size. *Perceptual and Motor Skills*, 14:475-482, 1962.
- BOARDMAN, W. K., GOLDSTONE, S., and LIAMON, W. T.: Effects of lysergic acid diethylamide (LSD) on the time sense of normals. *Archives of Neurology and Psychiatry*, 78:321-324, 1957.
- BOARDMAN, W. K., GOLDSTONE, S., REINER, M. L., and FATHAUER, W. F.: Anchor effects, spatial judgments, and schizophrenia. *Journal of Abnormal and Social Psychology*, 65:273-276, 1962.
- GOLDFARB, J. L., and GOLDSTONE, S.: Time judgment: A comparison of filled and unfilled durations. *Perceptual and Motor Skills*, 16:376, 1963.
- GOLDFARB, J. L., and GOLDSTONE, S.: Proprioceptive involvement, psychophysical method and temporal judgment. *Perceptual and Motor Skills*, 18:286, 1963.
- GOLDFARB, J. L., and GOLDSTONE, S.: Properties of sound and the auditory-visual difference in time judgment. *Perceptual and Motor Skills*, 19:60, 1964.
- GOLDSTONE, S.: Psychophysics, reality and hallucinations. In: West, L. J., ed. *Hallucinations*. New York, Grune & Stratton, 1962, p. 261-277.
- GOLDSTONE, S., BOARDMAN, W. K., and LIAMON, W. T.: The time sense: Differential effect of secobarbital, dextro-amphetamine and placebo upon apparent time? (Abstract) *American Psychologist*, 12:360, 1957.
- GOLDSTONE, S., BOARDMAN, W. K., and LIAMON, W. T.: Effect of quinal barbitone, dextro-amphetamine, and placebo on apparent time. *British Journal of Psychology*, 49:324-328, 1958.
- GOLDSTONE, S., BOARDMAN, W. K., and LIAMON, W. T.: Kinesthetic cues in the development of time concepts. *Journal of Genetic Psychology*, 93:185-190, 1958.
- GOLDSTONE, S., BOARDMAN, W. K., and LIAMON, W. T.: Intersensory comparisons of temporal judgments. *Journal of Experimental Psychology*, 57:243-248, 1959.

- GOLDSTONE, SANFORD, BOARDMAN, WILLIAM K., LHAMON, WILLIAM T., FASON, FRED L., and JERNIGAN, CLARENCE: Sociometric status and apparent duration. *Journal of Sociological Psychology*, 61:303-310, 1963.
- GOLDSTONE, S., and GOLDFARB, J. L.: Time estimation and psychopathology. *Perceptual and Motor Skills*, 15(1):28, 1962.
- GOLDSTONE, S., and GOLDFARB, J. L.: Judgment of filled and unfilled durations: Intersensory factors. *Perceptual and Motor Skills*, 17:763-774, 1963.
- GOLDSTONE, S., and GOLDFARB, J. L.: Direct comparison of auditory and visual durations. *Journal of Experimental Psychology*, 67:483-485, 1964.
- GOLDSTONE, S., and GOLDFARB, J. L.: Auditory and visual time judgments. *Journal of General Psychology*, 70:369-387, 1964.
- GOLDSTONE, S., and GOLDFARB, J. L.: Adaptation level, personality theory, and psychopathology. *Psychological Bulletin*, 61:176-187, 1964.
- GOLDSTONE, S., GOLDFARB, J., STRONG, J., and RUSSELL, J.: Replication: Effect of subliminal shock upon judged intensity of weak shock. *Perceptual and Motor Skills*, 14:222, 1962.
- GOLDSTONE, S., JERNIGAN, C., LHAMON, W. T., and BOARDMAN, W. K.: A further note on intersensory differences in temporal judgment. *Perceptual and Motor Skills*, 9:252, 1959.
- GOLDSTONE, S., LHAMON, W. T., and BOARDMAN, W. K.: The time sense: Anchor effects and apparent duration. *Journal of Psychology*, 44:145-153, 1957.
- KENNETT, J. R.: Influence of subliminal stimuli on comparative judgments of length. *Perceptual and Motor Skills*, 14:383-389, 1962.
- KIRKHAM, J., GOLDSTONE, S., LHAMON, W. T., BOARDMAN, W. K., and GOLDFARB, J. L.: Effects of alcohol on apparent duration. *Perceptual and Motor Skills*, 14:318, 1962.
- KLEBER, R. J., LHAMON, W. T., and GOLDSTONE, S.: Hyperthermia, hyperthyroidism, and time judgment. *Journal of Comparative and Physiological Psychology*, 56:362-365, 1963.
- LHAMON, W. T., EDELBERG, R., and GOLDSTONE, S.: A comparison of tactile and auditory time judgment. *Perceptual and Motor Skills*, 14:366, 1962.
- LHAMON, W. T., and GOLDSTONE, S.: The time sense: estimation of one second durations by schizophrenic patients. *Archives of Neurology and Psychiatry*, 76:625-629, 1956.
- SMYTHE, E. J., and GOLDSTONE, S.: The time sense: A normative genetic study of the development of time perception. *Perceptual and Motor Skills*, 7:49-59, 1957.
- WEBSTER, F. R., GOLDSTONE, S., and WEBB, W. W.: Time judgment and schizophrenia: Psychophysical method as a relevant contextual factor. *Journal of Psychology*, 54:159-164, 1962.
- WEINSTEIN, A. D., GOLDSTONE, S., and BOARDMAN, W. K.: The effect of recent and remote frames of reference on temporal judgments of schizophrenic patients. *Journal of Abnormal and Social Psychology*, 57:241-244, 1958.
- WRIGHT, D. J., GOLDSTONE, S., and BOARDMAN, W. K.: Intersensory comparisons of temporal judgments by schizophrenic and healthy subjects. (Abstract) *American Psychologist*, 14:404, 1959.
- WRIGHT, D. J., GOLDSTONE, S., and BOARDMAN, W. K.: Time judgment and schizophrenia: Step interval as a relevant contextual factor. *Journal of Psychology*, 54:33-38, 1962.
- WRIGHT, D. J., GOLDSTONE, S., BOARDMAN, W. K., and LHAMON, W. T.: The time sense: Differential effects of series determined anchors on schizophrenics and normals. (Abstract) *American Psychologist*, 13:357, 1958.
- MH-1128 (R01) GRANICK, SAMUEL: Usefulness of the blacky pictures for children. St. Christopher's Hospital for Children, Philadelphia, Pa. (1956-57)
- GRANICK, SAMUEL: Comparative performance of normal and psychoneurotic children on the Draw-A-Person test. *Journal of Germantown Hospital*, 4:17-22, 1963.
- GRANICK, SAMUEL, and SCHEFLEN, NORMA A.: Approaches to reliability of projective tests with special reference to the Blacky Pictures Test. *Journal of Consulting Psychology*, 22:137-141, 1958.
- MH-1132 (R01) FISHER, JEROME: Relation of physical disease to body-object cathexis. Stanford University, San Francisco, Calif. (1955-58)
- DAHLSTROM, W. G., and WELSH, G. S.: An MMPI handbook. Minneapolis, University of Minnesota Press, 1960, 559 p.
- EICHMAN, W. J.: Replicated factors on MMPI with female NP patients. *Journal of Consulting Psychology*, 25:55-60, 1961.
- FISHER, J.: Some MMPI dimensions of physical and psychological illness. *Journal of Clinical Psychology*, 22:369-375, 1964.
- LINGOES, J. C.: MMPI factors of the Harris and Wiener subscales. *Journal of Consulting Psychology*, 24:74-83, 1960.

- LITTLE, K. B., and FISHER, J.: Two new experimental scales of the MMPI. *Journal of Consulting Psychology*, 22:305-306, 1958.
- MH-1133 (R01) HILL, WILLIAM F.: Study of therapy group through stimulated recall. Utah State Hospital, Provo, Utah. (1955-61)
- HILL, WILLIAM F.: Analysis of interviews with practicing group therapists. *Provo Papers*, 1(1): 25-39, 1957.
- HILL, WILLIAM F.: Collected papers in group psychotherapy. Provo, Utah, Utah State Hospital, 1961, 106 p.
- HILL, WILLIAM F.: Hill interaction matrix. Salt Lake City, Utah, Dye, Smith & Co., 1962, 106 p. (Also acknowledges MH-622).
- HILL, WILLIAM F., CASTORE, GEORGE, and LAKE, R. A.: Measurement of a therapeutic group by a scale of communication complexity. *Provo Papers*, 3(1):1-20, 1959.
- HILL, WILLIAM F., HOWELL, R. J., LIEBRODER, M. N., LONG, L. D., and MORRILL, R. D.: Evaluation of modified remotivation therapy with long-term patients using attendants as therapists. *Provo Papers*, 3(4), 1959.
- MH-1136 (R01) KRONHAUSEN, EBERHARD W.: The therapeutic family. Columbia University, New York, N.Y. (1956-57)
- KRONHAUSEN, E. W., and KRONHAUSEN, PHYLLIS E.: Family milieu therapy. *Psychoanalysis*, 5(3): 45-62, 1957.
- KRONHAUSEN, E. W., and KRONHAUSEN, PHYLLIS: The therapeutic family: The family's role in emotional disturbance and rehabilitation. *Marriage and Family Living*, 21:29-40, 1959.
- MH-1137 (R01) TYLER, FORREST B., RAFFERTY, JANET, and TYLER, BONNIE: Development of behavior patterns in children. Southern Illinois University, Carbondale, Ill. (1956-60)
- RAFFERTY, JANET, E., TYLER, BONNIE B., and TYLER, F. B.: Personality assessment from free play observations. *Child Development*, 31:807-815, 1960.
- TYLER, F. B.: A conceptual model for assessing parent-child motivations. *Child Development*, 31:691-702, 1960.
- TYLER, F. B., RAFFERTY, JANET E., and TYLER, BONNIE B.: Relationships among motivations of parents and their children. *Journal of Genetic Psychology*, 101:69-81, 1962.
- TYLER, F. B., TYLER, BONNIE B., and RAFFERTY, JANET E.: Need value and expectancy interrelationships as assessed from motivational patterns of parents and their children. *Journal of Consulting Psychology*, 25(4):304-311, 1961.
- TYLER, F. B., TYLER, BONNIE B., and RAFFERTY, JANET E.: A threshold conception of need value. *Psychological Monographs*, 76(11):1-28, 1962.
- TYLER, F. B., and WHISENHUNT, J. W.: Motivational changes during preschool attendance. *Child Development*, 33:427-442, 1962.
- MH-1140 (R01) MALZBERG, BENJAMIN: Epidemiological studies of mental disease. New York State Department of Mental Hygiene, Albany, N.Y. (1956-61)
- LAZARUS, JUDITH, LOCKE, BEN Z., and THOMAS, DOROTHY S.: Migration differentials in mental disease. State patterns in first admissions to mental hospitals for all disorders and for schizophrenia, New York, Ohio and California, as of 1950. *Milbank Memorial Fund Quarterly*, 41:27-44, 1963. (Also acknowledges MH-5375).
- LEE, E. S.: Socio-economic and migration differentials in mental disease, New York State, 1943-1949. *Milbank Memorial Fund Quarterly*, 41:249-268, 1963.
- MALZBERG, BENJAMIN: Cohort studies of mental disease in New York State, 1943-1949. New York, National Association for Mental Health, 1958, 113 p. (Also acknowledges MH-1140)
- MALZBERG, BENJAMIN: Important statistical facts about mental illness. In: Ariet, Silvanus, ed. *American handbook of psychiatry*. New York: Basic Books, 1959, p. 161-174.
- MALZBERG, B.: A statistical study of five admissions with psychoneurosis in New York State, 1943-1949. *American Journal of Psychiatry*, 116:152-157, 1959.
- MALZBERG, BENJAMIN: Demographic aspects of general paresis. *Mental Hygiene*, 44(1):1-135, 1959.
- MALZBERG, B.: The alcoholic psychoses. Demographic aspects at midcentury in New York State. New Haven, Conn., Yale Center of Alcohol Studies, 1960, 46 p.
- MALZBERG, BENJAMIN: Mental disease among immigrants in New York State. New York, International Medical Book Corp., 1960, 140 p.
- MALZBERG, BENJAMIN: Discussion of aging and mental behavior. In: Hoch, P., and Zubin, J., eds. *Psychopathology of aging*. New York: Grune & Stratton, 1961, p. 100-103.
- MALZBERG, BENJAMIN: Mental disease among Norwegian-born and native-born of Norwegian descent in New York State, 1949-1951. *Acta Psychiatrica Scandinavica*, 38:48-75, 1962.
- MALZBERG, BENJAMIN: Mental disease among Swedish-born and native-born of Swedish descent in New York State, 1949-1951. *Acta Psychiatrica Scandinavica*, 38:76-91, 1962.

- age in New York State, 1949-1951. *Acta Psychiatrica Scandinavica*, 38:79-107, 1962.
- MALZBERG, BENJAMIN: The distribution of mental disease according to religious affiliation in New York State, 1949-1951. *Mental Hygiene*, 46(4): 510-522, 1962.
- MALZBERG, B.: The frequency of mental disease: A study of trends in New York State. *Acta Psychiatrica Scandinavica*, 39:19-30, 1963.
- MALZBERG, B.: Mental disorders in the United States. In: Deutsch, Albert, ed. *Encyclopedia of mental health*. Vol. 3. New York, F. Watts, 1963, p. 1051-1066.
- MALZBERG, BENJAMIN: Mental disease among Irish-born and native whites of Irish parentage in New York State, 1949-1951. *Mental Hygiene*, 47:12-42, 1963.
- MALZBERG, BENJAMIN: Mental disease among Italian-born and native whites of Italian parentage in New York State, 1949-1951. *Mental Hygiene*, 47:300-332, 1963.
- MALZBERG, BENJAMIN: Mental disease among Polish-born and native whites of Polish-born parentage in New York State, 1949-1951. *Mental Hygiene*, 47:421-451, 1963.
- MALZBERG, BENJAMIN: Mental disease among Russian-born and native-born of Russian born parentage in New York State, 1949-1951. *Mental Hygiene*, 47:649-678, 1963.
- MALZBERG, BENJAMIN: Mental disease among foreign-born in Canada, 1950-1952, in relation to period of immigration. *American Journal of Psychiatry*, 120(10):971-973, 1964. Also acknowledges MH-4486.
- MALZBERG, BENJAMIN: Mental disease among English-born and native whites of English parents in New York State, 1949-1951. *Mental Hygiene*, 48:32-54, 1964.
- MALZBERG, BENJAMIN: Mental disease among German-born and native whites of German parentage in New York State, 1949-1951. *Mental Hygiene*, 48:295-317, 1964.
- MALZBERG, B.: Mental disease among native and foreign-born whites in New York State, 1949-1951. *Mental Hygiene*, 48:478-499, 1964.
- MALZBERG, B.: Mental disease among native whites in New York State, 1949-1951, classified according to parentage. *Mental Hygiene*, 48:517-536, 1964.
- THOMAS, DOROTHY S., and LOCKE, BEN Z.: Marital status, education and occupational differentials in mental disease. State patterns in first admissions to mental hospitals for all disorders and for schizophrenia, New York, and Ohio as of 1950. *Milbank Memorial Fund Quarterly*, 41(2): 145-160, 1963. (Also acknowledges MH-5375).
- MH-1151 (R01) WIRT, ROBERT D.: Follow-up study of personal and social adjustment. University of Minnesota, Minneapolis, Minn. (1956-58)
- BRIGGS, P. F., and WIRT, R. D.: Intra-Q deck relationships as influences and realities in personality assessment. *Journal of Consulting Psychology*, 24: 61-66, 1960.
- BRIGGS, P. F., WIRT, R. D., and JOHNSON, R.: An application of prediction tables for delinquency. *Journal of Consulting Psychology*, 25:46-50, 1961.
- BRIGGS, P. F., WIRT, R. D., and JOHNSON, R.: Achievement among delinquency prone adolescents. *Journal of Clinical Psychology*, 18:305-309, 1962.
- WIRT, R. C., and BRIGGS, P. F.: Personality and environmental factors in the development of delinquency. *Psychological Monographs*, 73(15): 1-47, 1959. (Whole No. 485).
- WIRT, R. D., and BRIGGS, P. F.: The validity of ten of the Gluecks' predictors. *Journal of Criminology, Criminal Law, and Police Science*, 50:478-479, 1960.
- MH-1158 (R01) SPRIESTERSBACH, D. C.: Psychosocial aspects of cleft palate problem. State University of Iowa, Iowa City, Iowa. (1955-64)
- GOODSTEIN, L. R.: MMPI differences between parents of children with cleft palates and parents of physically normal children. *Journal of Speech and Hearing Research*, 3:31-38, 1960.
- GOODSTEIN, L. R.: Personality test differences in parents of children with cleft palates. *Journal of Speech and Hearing Research*, 3:39-43, 1960.
- GOODSTEIN, L.: Intellectual impairment in children with cleft palates. *Journal of Speech and Hearing Research*, 4:287-294, 1961.
- HARDY, J. C., REMBOLT, R. R., SPRIESTERSBACH, D. C., and JAYAPATHY, B.: Surgical management of palatal paresis and speech problems in cerebral palsy: A preliminary report. *Journal of Speech and Hearing Disorders*, 26:320-325, 1961.
- JOHNSON, WENDELL, DARLEY, FREDERIC L., and SPRIESTERSBACH, D. C.: Diagnostic methods in speech pathology. New York, Harper & Row, 1963, 347 p.
- MOLL, K. L.: Cinefluorographic techniques in speech research. *Journal of Speech and Hearing Research*, 3:227-241, 1960.
- MORRIS, H. L.: Communication skills of children with cleft lips and palates. *Journal of Speech and Hearing Research*, 5:79-90, 1962.
- MORRIS, H. L., and SMITH, JEANNE K.: Multiple approach for evaluating velopharyngeal competency. *Journal of Speech and Hearing Disorders*, 27:218-226, 1962.

- MORRIS, H. L., SPRIESTERSBACH, D. C., and DARLEY, F. L.: An articulation test for assessing competency of velopharyngeal closure. *Journal of Speech and Hearing Research*, 4:48-55, 1961.
- OLIN, WILLIAM H.: Cleft lip and palate rehabilitation. Springfield, Ill., Charles C. Thomas, 1960, 194 p.
- OLIN, W. H.: Dental anomalies in cleft lip and palate patients. *Angle Orthodontist*, 34:119-123, 1964.
- POWERS, G. R.: The relationship between articulation skills and oral pressure in cleft palate speakers. *Cleft Palate Bulletin*, 8:5-6, 1958.
- POWERS, G. R.: Cinefluorographic investigation of articulatory movements of selected individuals with cleft palates. *Journal of Speech and Hearing Research*, 5:59-69, 1962.
- SPRIESTERSBACH, D. C.: Routine methods of examination and diagnosis of velopharyngeal incompetency—speech aspects. *Cleft Palate Bulletin*, 8:7-8, 1957.
- SPRIESTERSBACH, D. C.: An evaluation of some diagnostic procedures used in studying cleft palate speech. *Cleft Palate Bulletin*, 8:8, 1957.
- SPRIESTERSBACH, D. C.: Evaluation of a technique for investigating the psychosocial aspects of the "cleft palate problem." In: Pruzansky, S., ed. *Congenital anomalies of the face and associated structures*. Springfield, Ill., Charles C. Thomas, 1961, p. 345-362.
- SPRIESTERSBACH, D. C.: Counseling parents of children with cleft lips and palates. *Journal of Chronic Diseases*, 13:244-252, 1961.
- SPRIESTERSBACH, D. C., DARLEY, F. L., and MORRIS, H. L.: Language skills in children with cleft palates. *Journal of Speech and Hearing Research*, 1:279-285, 1958.
- SPRIESTERSBACH, D. C., LIERLE, D. M., MOLL, K. L., and PRATHER, W. F.: Hearing loss in children with cleft palates. *Plastic and Reconstructive Surgery*, 30:336-347, 1962.
- SPRIESTERSBACH, D. C., MOLL, K. L., and MORRIS, H. L.: Subject classification and articulation of speakers with cleft palates. *Journal of Speech and Hearing Research*, 4:362-372, 1961.
- SPRIESTERSBACH, D. C., and POWERS, G. R.: Nasality in isolated vowels and connected speech of cleft palate speakers. *Journal of Speech and Hearing Research*, 2:40-45, 1959.
- SPRIESTERSBACH, D. C., and POWERS, G. R.: Articulation skills, velopharyngeal closure, and oral breath pressure of children with cleft palates. *Journal of Speech and Hearing Research*, 2:318-325, 1959.
- SPRIESTERSBACH, D. C., SPRIESTERSBACH, B. R., and MOLL, K. L.: Incidence of cleft lip and palate. *Plastic and Reconstructive Surgery*, 29:392-401, 1962.
- MH-1159 (R01) O'NEAL, LAWRENCE W.: Thyroid function following ECS and surgery. Washington University, St. Louis, Mo. (1955-57)
- MOORE, T. M., and O'NEAL, L. W.: Disappearance of thyroid hormones from plasma of dogs. *Surgical Forum*, 6:428-432, 1956.
- MH-1164 (R01) HARTE, THOMAS J.: Sociological problems in human genetics. Catholic University of America, Washington, D.C. (1956-62)
- DESMOND, SISTER ELLEN MARY: Mortality in the Brandywine population of southern Maryland. In: *Studies in Sociology*, No. 47, Washington, D.C. The Catholic University of America Press, 1962, 89 p.
- HARTE, THOMAS J.: The use of parish records in social research. *The American Catholic Sociological Review*, 19:1-11, 1958.
- HARTE, THOMAS J.: Trends in mate selection in a tri-racial isolate. *Social Forces*, 37:215-221, 1959.
- HARTE, THOMAS J.: Integrative role of religion in the Brandywine population. In: Cook, Stuart W., ed. *Research plans in the fields of religion, values and morality*. New York, Religious Education Association, 1962, p. 153-158.
- HARTE, THOMAS J.: Social origins of the Brandywine population. *Phylon*, 24:369-378, 1963.
- SAWYER, SISTER CLAIRE MARIE: Some aspects of the fertility of a tri-racial isolate. In: *Studies in Sociology*, No. 46, Washington, D.C., The Catholic University of America Press, 1961, 69 p.
- YAP, ANGELITA Q.: The study of a kinship system: Its structural principles. Washington, D.C., The Catholic University of America Press, 1961, 76 p.
- MH-1165 (R01) BRANCH, C. HARDIN, ARMSTRONG, MARVIN D., and GORTATOWSKI, MELVIN J.: Behavior and metabolism of indoles in schizophrenics. University of Utah, Salt Lake City, Utah. (1956-60)
- COLE, NYLA J., ALLISON, ROGER B., JR., GORTATOWSKI, MELVIN J., and BRANCH, C. H. HARDIN: Studies of behavior and the metabolism of indole derivatives in schizophrenia. *American Journal of Psychiatry*, 5:393-400, 1960.
- MH-1169 (R17) WORDEN, FREDERIC G.: Electro-physiologic correlates of conditioned behavior. University of California, Los Angeles, Calif. (1956-61)
- WORDEN, F. G.: Research report. In: Brazier, M. A. B. *The central nervous system and behavior*

- Transactions of the 2nd Conference. New York, Josiah Macy Jr. Foundation, 1959, p. 270-291.
- WORDEN, F. G.: Neurophysiological contributions to the understanding of schizophrenia. In: Auerbach, Alfred, ed. *Schizophrenia: An integrated approach*. New York, Ronald Press, 1959, p. 19-60.
- WORDEN, F. G., and LIVINGSTON, R. B.: Brain stem reticular formation. In: Sheer, D. E., ed. *Electrical stimulation of the brain*. Austin, University of Texas, 1961, p. 263-276.
- WORDEN, F. G., and MARSH, J. T.: Reward delivery system for cats. *Electroencephalography and Clinical Neurophysiology*, 11:170-171, 1959.
- MH-1175 (R01) BERRY, HELEN K., GUEST, GEORGE M., SUTHERLAND, BETTY S., and WARKANY, JOSEF: Metabolic disorders in mental deficiency. Children's Hospital, Cincinnati, Ohio. (1956-64)
- BERRY, HELEN K.: Paper chromatographic method for estimation of phenylalanine. *Proceedings of the Society for Experimental Biology and Medicine*, 95:71-73, 1957.
- BERRY, HELEN K.: Cystinuria in mentally retarded siblings with atypical osteogenesis imperfecta. *A. M. A. Journal of Diseases of Children*, 97: 196-197, 1959.
- BERRY, HELEN K.: Procedures for testing urine specimens dried on filter paper. *Clinical Chemistry*, 5:603-608, 1959.
- BERRY, HELEN K.: Individual metabolic patterns: I. Amino acid excretion studies in 700 children. *Metabolism*, 9:363-372, 1960.
- BERRY, HELEN K.: Individual metabolic patterns. II. Excretion of beta-aminoisobutyric acid. *Metabolism*, 9:373-376, 1960.
- BERRY, HELEN K.: Amino acid excretion in urine of normal infants and children, paper chromatographic methods for amino acid analyses. *Pediatrics*, 25:983-996, 1960.
- BERRY, HELEN K.: Detection of phenylketonuria. Report of a large scale case-finding program in Cincinnati. *Ohio State Medical Journal*, 57:1001-1002, 1961.
- BERRY, HELEN K.: Detection of metabolic disorders among mentally retarded children by means of paper spot tests. *American Journal of Mental Deficiency*, 66:555-560, 1962.
- BERRY, HELEN K.: Use of micromethod for phenylalanine in management of phenylketonuric patients. *Clinical Chemistry*, 8:172-173, 1962.
- BERRY, HELEN K.: Application of the principles of dietary treatment: Phenylketonuria, biochemical monitoring of treatment. In: Institute of Nutrition Services in Mental Retardation Programs, Cincinnati, Ohio, March 20-22, 1963. Cincinnati, Children's Bureau Publication, 1963, p. 34-37, and 83-86.
- BERRY, HELEN K., GRANGER, MARY, SCHEEL, CAROLYN, and SIMON, HELEN: Detection of phenylketonuria: An institutional screening program. *Journal of Nervous and Mental Diseases*, 137:577-581, 1963.
- BERRY, HELEN K., and GUEST, GEORGE M.: The effect of salicylate intoxication on amino acid excretions in rats. *Metabolism*, 12:760-770, 1963.
- BERRY, HELEN K., GUEST, GEORGE M., and PERRIN, EUGENE: Galactosemia: An inherited metabolic disorder: I. Diagnosis of congenital galactosemia. II. Galactosemia, a clinical report. *Ohio State Medical Journal*, 58:557-561, 1962.
- BERRY, HELEN K., GUEST, GEORGE M., SUTHERLAND, BETTY, and SHIRKEY, HARRY: Phenylketonuria. *Cincinnati Journal of Medicine*, 40:483-484, 1959.
- BERRY, HELEN K., RUBENSTEIN, JACK, and SIMON, HELEN D.: Evaluation of screening tests for phenylketonuria in a diagnostic clinic for retarded children. *American Journal of Mental Deficiency*, 68:49-53, 1963.
- BERRY, HELEN K., SAENGER, EUGENE L., PERRY, HAROLD, FRIEDMAN, BEN I., KERIAKES, JAMES G., and SCHEEL, CAROLYN: Deoxycytidine in urine of humans following whole body irradiation. *Science*, 142:396-398, 1963.
- BERRY, HELEN K., SCHEEL, CAROLYN, and MARKS, JOY: Microbiological test for Leucine, Valine, and Isoleucine using urine sample dried on filter paper. *Clinical Chemistry*, 8:242-245, 1962.
- BERRY, HELEN K., and SPINANGER, JOAN: A paper spot test useful in study on Hurler's syndrome. *Journal of Laboratory and Clinical Medicine*, 55: 136-138, 1960.
- BERRY, HELEN K., SUTHERLAND, BETTY, and GUEST, GEORGE M.: Phenylalanine tolerance tests on relatives of phenylketonuric children. *American Journal of Human Genetics*, 9:310-316, 1957.
- BERRY, HELEN K., SUTHERLAND, BETTY S., and GUEST, GEORGE M.: Detection of phenylketonuria among infants born in Cincinnati. *Cincinnati Journal of Medicine*, 42:160, 1961.
- BERRY, HELEN K., SUTHERLAND, BETTY S., and GUEST, GEORGE M.: Cincinnati phenylketonuria detection program. A progress note. *Journal of the American Medical Association*, 178:842, 1961.
- BERRY, HELEN K., SUTHERLAND, BETTY S., GUEST, GEORGE M., and UMBARGER, BARBARA: Chemical and clinical observations during treatment of children with phenylketonuria. *Pediatrics*, 21:929-940, 1958.

- BERRY, HELEN K., SUTHERLAND, BETTY S., GUEST, GEORGE M., and WARKANY, JOSEPH: Simple method for detection of phenylketonuria. *Journal of the American Medical Association*, 167:2189-2190, 1958.
- BERRY, HELEN K., UMBARGER, BARBARA, and LIVINGSTON, BETTYE: Excretion of phenylalanine by normal children and by patients with phenylketonuria. *Journal of Pediatrics*, 63:954-960, 1963.
- BERRY, HELEN K., and WARKANY, STEVE F.: The nature of the "pentose" reaction in aqueous extracts of psoriasis scales. *Journal of Investigative Dermatology*, 41:371-375, 1963.
- CENTERWALL, WILLARD R., BERRY, HELEN K., and WOLFE, L. I.: Detection. In: Lyman, Frank L., ed. *Phenylketonuria*. Springfield, Ill., Charles C. Thomas, 1963, p. 114-135.
- GUEST, GEORGE M.: Hereditary galactose disease. *Journal of the American Medical Association*, 168:2015-2019, 1958.
- GUEST, GEORGE M.: Perspectives. (Symposium on hereditary metabolic diseases). *Metabolism*, 9:193-197, 1960.
- GUEST, GEORGE M., BERRY, HELEN K., and RUBINSTEIN, JACK H.: Management of newborn siblings of patients with phenylketonuria or galactosemia. Children's Bureau, U.S. Department of Health, Education, and Welfare, 1962, Revised 1963, 15 p.
- GUEST, GEORGE M., BERRY, HELEN K., and RUBINSTEIN, JACK: Newborn siblings in families known to have hereditary disorders. Diagnostic procedures. *Journal of the American Medical Association*, 181:439-440, 1962.
- MARKS, JOY D., and BERRY, HELEN K.: Increase in urinary amino acids associated with pantothenic acid deficiency in the rat. In: Amino acid pools. New York, Elsevier, 1962, p. 461-462.
- SCHIBEL, CAROLYN, and BERRY, HELEN K.: Comparison of serum phenylalanine levels with growth in Guthrie's inhibition assay in newborn infants. *Journal of Pediatrics*, 61:610-616, 1962.
- SCHIBEL, CAROLYN, and BERRY, HELEN K.: A direct microbiological assay for urinary phenylalanine in phenylketonuria screening. *Nature*, 200:70-71, 1963.
- SUTHERLAND, BETTY S.: Application of the principles of dietary treatment: Phenylketonuria—the metabolic research team. In: Institute of Nutrition Services in Mental Retardation Programs, Cincinnati, Ohio, March 20-22, 1963. Cincinnati, Children's Bureau Publication, 1963, p. 33.
- SUTHERLAND, BETTY S., BERRY, HELEN K., and SHIRKEY, HARRY C.: A syndrome of phenylketonuria with normal intelligence and behavior disturbances. *Journal of Pediatrics*, 57(4):521-522, 1960.
- UMBARGER, BARBARA: Phenylketonuria: I. Treatment of the disease and feeding the child. *American Journal of Diseases of Children*, 100:908-911, 1960.
- UMBARGER, BARBARA: Paper chromatographic method for quantification of urinary levulose (levulose). *Journal of Laboratory and Clinical Medicine*, 60:521, 1962.
- UMBARGER, BARBARA: Application of the principles of dietary treatment. Phenylketonuria: the food phenylalanine diet. In: Institute of Nutrition Services in Mental Retardation Programs, Cincinnati, Ohio, March 20-22, 1963. Cincinnati, Children's Bureau publication, 1963, p. 38-42.
- UMBARGER, BARBARA: Dietary aspects of phenylketonuria. *Ohio's Health*, 15:15, 1963.
- UMBARGER, BARBARA: Phenylketonuria. Dietary treatment. *American Journal of Nursing*, 64:96-99, 1964.
- UMBARGER, BARBARA, BERRY, HELEN K., and GUEST, GEORGE: Amino acid excretion patterns in diabetic children. *Diabetes*, 12:443-447, 1963.
- WITTGENSTEIN, EVA, and BERRY, HELEN K.: Staining of skin with dihydroxyacetone. *Science*, 131:894-895, 1960.
- WITTGENSTEIN, EVA, and BERRY, HELEN K.: Reaction of dihydroxyacetone (DHA) with human skin callus and amino compounds. *Journal of Investigative Dermatology*, 36:283-286, 1961.
- MH-1180 (R01) ROTHNEY, JOHN W. M.: Prediction of post-high school adjustments of young men. University of Wisconsin, Madison, Wis. (1958-59).
- JACKSON, R. M., and ROTHNEY, J. W. M.: A comparative study of the mailed questionnaire and interview in follow-up studies. *Personnel and Guidance Journal*, 39(7):569-571, 1961.
- KACZKOWSKI, H. A.: Discriminant analysis in the evaluation of counseling. *Personnel and Guidance Journal*, 35(4):231-235, 1956.
- REMSTAD, ROBERT, and ROTHNEY, JOHN: Chronological classification and research results. *Personnel and Guidance Journal*, 36(7):465-472, 1958.
- ROTHNEY, JOHN W. M.: Guidance practice and results. New York, Harper & Bros., 1958, 244 p.
- ROTHNEY, JOHN W. M., and MARRAS, P.: Evaluating the effects of counseling—eight years after. *Journal of Counseling Psychology*, 5:163-169, 1958.
- MH-1182 (R01) HOLZMAN, PHILIP S.: Cognitive attitudes and personality organization. Menninger Foundation, Topeka, Kans. (1956-58)

- 120-127, 1961. (Also acknowledges MH-2454)
- GARDNER, R. W., HOLZMAN, P. S., KLEIN, G. S., LINTON, HARRIET, and SPENCE, D. P.: Cognitive control: A study of individual consistencies in cognitive behavior. *Psychological Issues*, 1(4):1-185, 1959. (Also acknowledges MH-25)
- GARDNER, R. W., HOLZMAN, P. S., and SIEGAL, R. S.: Some variables affecting size judgments. *Perceptual and Motor Skills*, 6:285-290, 1956.
- GARDNER, R. W., JACKSON, D. N., and MESSICK, S. J.: Personality organization in cognitive controls and intellectual abilities. *Psychological Issues*, 2(4):1-149, 1960. (Whole No. 8).
- HOLZMAN, P. S.: Focusing: A style of reality contact. *American Psychologist*, 12:388, 1957.
- HOLZMAN, P. S.: Repression and cognitive style. In: Peatman, J. G., ed. *Festschrift for Gardner Murphy*. New York, Harper, 1960, p. 330-343. Also in: *Bulletin of the Menninger Clinic*, 26:273-282, 1962.
- HOLZMAN, P. S., and GARDNER, R. W.: Leveling and repression. *Journal of Abnormal and Social Psychology*, 59:151-155, 1959.
- HOLZMAN, P. S., and GARDNER, R. W.: Leveling-sharpening and memory organization. *Journal of Abnormal and Social Psychology*, 61:176-180, 1960.
- HOLZMAN, P. S., and KLEIN, G. S.: Motive and style in reality contact. *Bulletin of the Menninger Clinic*, 20:181-191, 1956.
- MH-1187 (R01) SEITZ, PHILIP F. D.: Effect of infantile experiences on adult behavior. Institute for Psychoanalysis, Chicago, Ill. (1956-64)
- SEITZ, P. F. D.: The maternal instinct in animal subjects: I. *Psychosomatic Medicine*, 20:215-226, 1958.
- SEITZ, P. F. D.: Infantile experience and adult behavior in animal subjects. II. Age of separation from the mother and adult behavior in the cat. *Psychosomatic Medicine*, 21:351-378, 1959. (Also acknowledges MH-489)
- MH-1191 (R01) KINDER, ELAINE F., and SMITH, AARON: Behavior measures of brain-operated schizophrenics. Rockland State Hospital, Orangeburg, N.Y. (1956-61)
- HAMLIN, REY M., and KINDER, ELAINE F.: Vocabulary deficit in brain-operated schizophrenics. *Journal of Consulting Psychology*, 25(3):239-244, 1961.
- SMITH, AARON: Changes in Porteus Maze scores of brain-operated schizophrenics after an eight-year schizophrenia. *Journal of Nervous and Mental Disease*, 139:479-487, 1964.
- SMITH, AARON: Changing effects of frontal lesions in man. *Journal of Neurology, Neurosurgery, and Psychiatry (British)*, 27:511-515, 1964.
- SMITH, AARON, and KINDER, ELAINE F.: Changes in psychological test performances of brain-operated schizophrenics after eight years. *Science*, 129:149-150, 1959.
- MH-1192 (R01) JERVIS, GEORGE A.: Studies on phenylketonuria. Letchworth Village Mental Hygiene Clinic, Thiells, N.Y. (1956-59)
- GOLDSTEIN, F. B.: Preliminary report: Biosynthesis of N-acetyl-L-aspartic acid. *Biochimica et Biophysica Acta*, 33:583-584, 1959.
- GOLDSTEIN, F. B.: Biosynthesis of N-acetyl-L-aspartic acid. *Journal of Biological Chemistry*, 234:2702-2706, 1959.
- GOLDSTEIN, FRED B.: Biochemical studies on phenylketonuria. I. Experimental hyperphenylalanemia in the rat. *Journal of Biological Chemistry*, 236:2656-2661, 1961.
- GOLDSTEIN, FRED B.: Studies on phenylketonuria. II. The excretion of N-acetyl-L-phenylalanine in phenylketonuria. *Biochimica et Biophysica Acta*, 71:204-206, 1963.
- MH-1195 (R01) SANFORD, NEVITT: Personality assessment of assessment of normal women. Vassar College, Poughkeepsie, N.Y. (1956-58)
- BROWN, D. R.: Some educational patterns. In: Sanford, N., ed. *Personality development during the college years*. *Journal of Social Issues*, 12:44-60, 1956.
- BROWN, D. R.: Personality, college environment, and academic productivity. In: Sanford, N., ed. *The American college*. New York, Wiley, 1962, p. 536-562.
- FREEDMAN, M. B.: A half-century of Vassar opinion. *Vassar College Alumnae Magazine*, 44:3-6, 1959.
- FREEDMAN, M. B.: Studies of college alumni. In: Sanford, N., ed. *The American college*. New York, Wiley, 1962, p. 847-886.
- FREEDMAN, M. B.: What happens after college? In: Sanford, N., ed. *College and character*. New York, Wiley, 1964, p. 234-243.
- SANFORD, N.: Personality development during the college years. In: Personnel-O-Gram. Proceedings of the Annual Convention. Washington, D.C., American College Personnel Association, 1956, p. 35-47.



- SANFORD, N.: Changing sex roles, socialization and education. In: Henry, W., ed. *Human Development Bulletin*. Chicago, University of Chicago, 1958, p. 58-75.
- SANFORD, N.: The professor looks at the student. In: Cooper, R. M., ed. *The two ends of the log: Learning and teaching in today's colleges*. Minneapolis, University of Minnesota Press, 1958.
- SANFORD, N.: The Mellon research program today. *Vassar Alumnae Magazine*, 44:2-5, 1958.
- SANFORD, N.: Knowledge of students through the social studies. In: Habein, Margaret, ed. *Spotlight on the college student*. Washington, D.C., American Council on Education, 1959.
- SANFORD, N., WEBSTER, H., and FREEDMAN, M. B.: Impulse expression as a variable of personality. *Psychological Monographs*, 72(11), 1957. (Whole No. 440).
- MH-1196 (R01) STREIB, GORDON F., and THOMPSON, WAYNE E.: Occupational retirement and family relationships. Cornell University, Ithaca, N.Y. (1956-60)
- STREIB, GORDON F.: News and notes: Cornell study of occupational retirement. *Industrial and Labor Relations Review*, 11:658-659, 1958.
- STREIB, GORDON F.: Family patterns in retirement. *Journal of Social Issues*, 14:46-60, 1958.
- STREIB, GORDON F.: Research on retirement: A report on the Cornell longitudinal study. In: Jeffers, Frances C., ed. *Proceedings of Seminars: 1957-1958, Duke University Council on Gerontology*. Durham, N.C., Duke University, 1958, p. 67-87.
- STREIB, GORDON F.: Participants and drop-outs in a longitudinal study. *Journal of Gerontology*, 21(2):200-209, 1966.
- STREIB, GORDON F., and THOMPSON, WAYNE E.: Cornell longitudinal study of occupational retirement. *Public Health Reports*, 73:1119-1120, 1958.
- STREIB, GORDON F., and THOMPSON, WAYNE E.: The older person in a family context. In: Tibbitts, Clark, ed. *Handbook of social gerontology*. Chicago, University of Chicago Press, 1960, p. 447-488.
- STREIB, GORDON F., THOMPSON, WAYNE E., and SUCHMAN, EDWARD A.: The Cornell study of occupational retirement. *Journal of Social Issues*, 14:3-17, 1958.
- SUCHMAN, EDWARD A., PHILLIPS, BERNARD S., and STREIB, GORDON F.: An analysis of the validity of health questionnaires. *Social Forces*, 36(3): 223-232, 1958.
- THOMPSON, WAYNE E.: Pre-retirement attitudes and adjustment in retirement. *Journal of Social Issues*, 14:35-45, 1958.
- THOMPSON, WAYNE E.: Health and retirement. *Journal of the Michigan State Medical Association*, 59:756-758, 1960.
- THOMPSON, WAYNE E., and STREIB, GORDON F.: Situational determinants: Health and occupational deprivation in retirement. *Journal of Social Issues*, 14:18-34, 1958.
- THOMPSON, WAYNE E., and STREIB, GORDON F.: Meaningful activity in a family context. In: Kleemeier, Robert W., ed. *Ageing and the family*. Oxford, England, Oxford University Press, 1960, p. 177-211.
- THOMPSON, WAYNE E., STREIB, GORDON F., and KOSA, JOHN: The effect of retirement on personal adjustment: A panel analysis. *Journal of Gerontology*, 15:165-169, 1960.
- MH-1197 (R17) WOLFF, PETER H.: The development of affects in children. Austin, Ryegate, Mass. (1956-61)
- WOLFF, PETER H.: Observations of newborn infants. *Psychosomatic Medicine*, 11(2):110-119, 1959.
- WOLFF, PETER H.: The developmental psychology of Jean Piaget in psychoanalysis. Vol. 2, 2nd ed. Psychological issues. Monograph Series 26. New York, International Universities Press, 1961, 181 p.
- WOLFF, PETER H.: Theoretical problems in child development. In: *Issues in early childhood development*. New York, Child Development Center, 1961.
- WOLFF, PETER H., and WHITE, BURTON L.: Visual pursuit and attention in young infants. *Journal of the American Academy of Child Psychiatry*, 4(3):473-484, 1965.
- MH-1203 (R01) WILSON, WILLIAM P.: Effects of carbon dioxide-glucose and potassium on the brain. Duke University, Durham, N.C. (1956-60) (Continued as MH-2594)
- DOBBS, D., and WILSON, W.: Observations on the persistence of war neurosis. *Diaries of the Nervous System*, 21:1-6, 1960. (Also acknowledges MH-2594)
- ELLISON, R. J., WILSON, W. P., and WHITE, BURTON L.: Changes in cerebral potassium during insulin-induced hypoglycemia. *Proceedings of the Society for Experimental Biology and Medicine*, 98:123-124, 1958. (Also acknowledges MH-2594)
- SIEKER, H. O., and WILSON, W. P.: Electroencephalographic biochemical changes in acute hypoxia and hypercapnia. *Archives of Neurology and Psychiatry*, 1960.

- 3:704-710, 1960. (Also acknowledges MH-2594)
- SMITH, W. T., and WILSON, W. P.: Electroencephalographic and clinical correlations in epilepsy beginning in adulthood. *Southern Medical Journal*, 51:889-894, 1958. (Also acknowledges MH-2594)
- TYOR, MALCOLM P., and WILSON, WILLIAM P.: Peripheral biochemical changes associated with the intravenous administration of ammonium salts in normal subjects. *Journal of Laboratory and Clinical Medicine*, 51:592-599, 1958. (Also acknowledges MH-2594)
- WILSON, N. J., and WILSON, W. P.: The duration of human electroencephalographic arousal responses elicited by photic stimulation. *Electroencephalography and Clinical Neurophysiology*, 11: 85-91, 1959. (Also acknowledges MH-2594)
- WILSON, W. P.: The role of potassium in the production of the slow wave response to hyperventilation in the electroencephalogram. *Electroencephalography and Clinical Neurophysiology*, 10:546-549, 1958. (Also acknowledges MH-2594)
- WILSON, W. P., and JOHNSON, J. E.: Clinical laboratory and electroencephalographic correlations in hyperthyroidism. *Southern Medical Journal*, 53: 606-610, 1960. (Also acknowledges MH-2594)
- WILSON, W. P., and SIEKER, H. O.: A study of the factors responsible for changes in the electroencephalogram in chronic pulmonary insufficiency. *Electroencephalography and Clinical Neurophysiology*, 10:89-96, 1958. (Also acknowledges MH-2594)
- WILSON, W. P., and TYOR, MALCOLM P.: Electroencephalographic observations during experimental hyperammonemia. *Neurology*, 8:913-916, 1958. (Also acknowledges MH-2594)
- MH-1204 (R17) FREEDMAN, DANIEL X.: Explorations in psychopharmacology. Yale University, New Haven, Conn. (1957-62)
- CHANDLER, K. A., FREEDMAN, D., and SAVAGE, W.: Hypnosis and cognition: A study of physiognomic and cognitive factors in the perception of the apparent horizon. (Abstract) *Journal of Psychology*, 57:219, 1964.
- CHANDLER, KENNETH A., FREEDMAN, DANIEL X., and SAVAGE, WILLIAM L.: Hypnosis and perception: The effect of meaning and non-meaning upon perception of the apparent horizon. *Journal of Psychology*, 57:219-233, 1964.
- FREEDMAN, D. X.: Psychic energizers: In: Encyclopedia of science and technology. New York, McGraw-Hill, 1960.
- FREEDMAN, D. X.: Psychotomimetics. In: Encyclopedia of science and technology. New York, McGraw-Hill, 1960.
- FREEDMAN, D. X.: Tranquilizer. In: Encyclopedia of science and technology. New York, McGraw-Hill, 1960.
- FREEDMAN, D. X.: Studies of LSD-25 and serotonin in the brain. In: Proceedings of the 3rd World Congress of Psychiatry. Vol. 1. Montreal, University of Toronto Press/McGill University Press, 1961, p. 653-658.
- FREEDMAN, D. X.: Psychotomimetic drugs and brain biogenic amines. *American Journal of Psychiatry*, 119:843-850, 1963. (Also acknowledges MH-3363)
- FREEDMAN, D. X., and AGHAJANIAN, G. K.: Time parameters in acute tolerance, cross tolerance, and antagonism to psychotogens. (Abstract) *Federation Proceedings*, 18:390, 1959.
- FREEDMAN, D. X., AGHAJANIAN, G. K., ROSNER, B., and ORNITZ, E. M.: Patterns of tolerance to lysergic acid diethylamide and mescaline in rats. *Science*, 127:1173-1174, 1958.
- FREEDMAN, D. X., and BENTON, A. J.: Persisting effects of reserpine in man. *New England Journal of Medicine*, 264:529-533, 1961. (Also acknowledges MH-3363)
- FREEDMAN, D. X., and DEJONG, JACOB: Thresholds for drug-induced akathisia. *American Journal of Psychiatry*, 117:930-931, 1961.
- FREEDMAN, D. X., and DEJONG, J.: Factors that determine drug-induced akathisia. *Diseases of the Nervous System*, 22(2):69-76, 1961.
- FREEDMAN, DANIEL X., and FENICHEL, GERALD: Effect of midbrain lesion on experimental allergy. *A. M. A. Archives of Neurology and Psychiatry*, 79:164-169, 1958.
- FREEDMAN, D. X., and GIARMAN, N. J.: LSD-25 and the status and level of brain serotonin. *Annals of the New York Academy of Sciences*, 96: 98-106, 1962. (Also acknowledges MH-3363)
- FREEDMAN, D. X., and SPRINGFIELD, C. H.: Drug action and drug effect, and Critique of Osow's drugs and psychic energy. In: Sarwer-Foner, G. J., ed. *The dynamics of psychiatric drug therapy*. Springfield, Ill., Thomas, 1960.
- GIARMAN, N. J., FREEDMAN, D. X., and PICARD-AMI, L.: Serotonin content of the pineal glands of man and monkey. *Nature*, 186:480-481, 1960.
- MOSERS, R., and FREEDMAN, D. X.: Trademark function of symptoms in a mental hospital. *Journal of Nervous and Mental Disease*, 127:448-457, 1958.

- methylaminoethanol (Deanol). *Journal of Pharmacology and Experimental Therapeutics*, 129: 291-295, 1960.
- SCHAIN, R. J., and FREEDMAN, D. X.: Studies on 5-hydroxyindole metabolism in autistic and other mentally retarded children. *Journal of Pediatrics*, 58:315-320, 1961.
- SCHIFF, S. K., BUNNEY, W. E., and FREEDMAN, D. X.: A study of ocular movements in hypnotically induced dreams. *Journal of Nervous and Mental Disease*, 133:59-68, 1961.
- MH-1205 (R17) REICHSMAN, FRANZ: Psychological development and gastric secretion. University of Rochester, Rochester, N.Y. (1956-61)
- ENGEL, G. L., GREENE, W., JR., REICHSMAN, F., SCHMALE, A., and ASHENBERG, N.: A graduate and undergraduate teaching program on the psychological aspects of medicine. *Journal of Medical Education*, 32:859-871, 1957.
- REICHSMAN, F.: Methodologic problems in psychophysiology research on human gastric secretions. In: Ross Laboratories. Psychosomatic aspects of gastrointestinal illness in childhood. Ross Conference on Pediatric Research 44th report, 1962. Conference held at Philadelphia, 26-27 Sept. 1962. Columbus, Ohio, Ross Laboratories, 1963, p. 29-36. (Also acknowledges MH-750)
- REICHSMAN, F., BROWNING, F. E., and HINSHAW, H. R.: Observations of undergraduate clinical teaching in action. *Journal of Medical Education*, 39(2):147-163, 1964.
- REICHSMAN, F., COHEN, J., COLWILL, J., DAVIS, N., KESSLER, W.M., SHEPARDSON, W.M., and ENGEL, G. L.: Effect of histamine on nocturnal gastric secretion during sleeping and waking states. (Abstract) *Journal of Clinical Investigation*, 37:884, 1958.
- MH-1206 (R01) ERIKSEN, CHARLES W.: Behavior without awareness. University of Illinois, Urbana, Ill. (1956- ) (Continued from MH-1037)
- BERNSTEIN, IRA H., and ERIKSEN, CHARLES W.: Effects of "subliminal" prompting on paired-associate learning. *Journal of Experimental Research in Personality*, 1(1):33-38, 1965.
- CHATTERJEE, B. B., and ERIKSEN, C. W.: Conditioning and generalization of GSR as a function of awareness. *Journal of Abnormal and Social Psychology*, 60:396-403, 1960.
- CHATTERJEE, B. B., and ERIKSEN, C. W.: Cognitive factors in heart rate conditioning. *Journal of Experimental Psychology*, 64:272-279, 1961.
- DULANY, D. E., and ERIKSEN, C. W.: Accuracy of brightness discrimination as measured by concurrent verbal responses and GSRs. *Journal of Abnormal and Social Psychology*, 59:418-423, 1959.
- ERIKSEN, C. W.: Prediction from and interaction among multiple concurrent discriminative responses. *Journal of Experimental Psychology*, 53: 353-360, 1957.
- ERIKSEN, C. W.: Unconscious processes. In: Jones, M. R., ed. *Nebraska symposium on motivation*. Lincoln, University of Nebraska Press, 1958, p. 169-228.
- ERIKSEN, C. W.: Discrimination measured by multiple concurrent responses. *Psychological Reports*, 5:741-750, 1959.
- ERIKSEN, C. W.: Discrimination and learning without awareness: A methodological survey and evaluation. *Psychological Review*, 67:279-300, 1960.
- ERIKSEN, C. W.: Figments, fantasies and follies: A search for the subconscious mind. In: Eriksen, C. W., ed. *Behavior and awareness*. Durham, Duke University, 1962, p. 3-26.
- ERIKSEN, C. W.: Perception and personality. In: Wepman, J. M., and Heine, R. W., eds. *Concepts of personality*. Chicago, Aldine, 1963, p. 30-60.
- ERIKSEN, C. W., AZUMA, H., and HICKS, ROSALIE: Affective discrimination of pleasant and unpleasant stimuli prior to specific identification. *Journal of Abnormal and Social Psychology*, 59:114-119, 1959.
- ERIKSEN, CHARLES W., and COLLINS, JAMES F.: Backward masking in vision. *Psychonomic Science*, 1:101-102, 1964.
- ERIKSEN, C. W., and COLLINS, J. F.: Investigation of the effect of a priming stimulus on backward masking. *Psychonomic Science*, 1:249-250, 1964.
- ERIKSEN, C. W., and DOROS, L.: Role of awareness in learning and use of correlated extraneous cues on perceptual tasks. *Journal of Experimental Psychology*, 66:601-608, 1963.
- ERIKSEN, C. W., and HOFFMAN, M.: Form recognition at brief durations as a function of adapting field and interval between stimulations. *Journal of Experimental Psychology*, 66:485-499, 1963.
- ERIKSEN, CHARLES W., and JOHNSON, HAROLD J.: Storage and decay characteristics of nonattended auditory stimuli. *Journal of Experimental Psychology*, 68:28-36, 1964.
- ERIKSEN, C. W., KUETHE, J., and SULLIVAN, D. F.: Some personality correlates of learning without verbal awareness. *Journal of Personality*, 26: 216-228, 1958.
- ERIKSEN, CHARLES W., and LAPPIN, JOSEPH S.: Luminance summation-contrast reduction as a basis for certain forward and backward masking effects. *Psychonomic Science*, 1(10):313-314, 1964.

- ERIKSEN, CHARLES W., and LAPPIN, S.: Internal perceptual system noise and redundancy in simultaneous inputs in form identification. *Psychonomic Science*, 2(12):351-352, 1965.
- ERIKSEN, CHARLES W., and STEFFY, RICHARD A.: Short-term memory and retroactive interference in visual perception. *Journal of Experimental Psychology*, 68(5):423-434, 1964.
- FUHRER, M., and ERIKSEN, C. W.: Unconscious perception of the meaning of verbal stimuli. *Journal of Abnormal and Social Psychology*, 61: 432-439, 1960.
- GIDDAN, M., and ERIKSEN, C. W.: Generalization of response biases acquired with and without verbal awareness. *Journal of Personality*, 27:104-115, 1959.
- JOHNSON, H. J.: Decision making, conflict, and physiological arousal. *Journal of Abnormal and Social Psychology*, 67:114-124, 1963.
- JOHNSON, H., and ERIKSEN, C. W.: Pre-conscious perception: A re-examination of the Poetzl phenomenon. *Journal of Abnormal and Social Psychology*, 62:497-503, 1961.
- KRIECKHAUS, E. E., and ERIKSEN, C. W.: A study of awareness and its effects on learning and generalization. *Journal of Personality*, 28:503-517, 1960.
- LAPPIN, JOSEPH S., and ERIKSEN, CHARLES W.: Inhibition of a simple visual reaction time by a second stimulus: A failure to replicate. *Psychonomic Science*, 1(10):293-294, 1964.
- PAUL, G. L., ERIKSEN, C. W., and HUMPHREYS, L. G.: Use of temperature stress with cool air reinforcement for human operant conditioning. *Journal of Experimental Psychology*, 64:329-335, 1962.
- PIERCE, JAN: Some sources of artifact in studies of the tachistoscopic perception of words. *Journal of Experimental Psychology*, 66:363-370, 1963.
- PIERCE, JAN: Determinants of threshold for form. *Psychological Bulletin*, 60:391-407, 1963.
- STEFFY, RICHARD A., and ERIKSEN, CHARLES W.: Short-term, perceptual-recognition memory for tachistoscopically presented nonsense forms. *Journal of Experimental Psychology*, 70(3):277-283, 1965.
- THOMPSON, JOHN H.: What happens to the stimulus in backward masking? *Journal of Experimental Psychology*, 71(4):580-586, 1966.
- WILLIAMSEN, J. A., JOHNSON, H. J., and ERIKSEN, C. W.: Some characteristics of posthypnotic amnesia. *Journal of Abnormal Psychology*, 70(2): 123-131, 1965.
- MH-1213 (R01) LOEVINGER, JANE: Objective personality evaluation of women. Jewish Hospital of St. Louis, St. Louis, Mo. (1956-661) (Continued as MH-5115).
- LOEVINGER, JANE: Objective tests as instruments of psychological theory. *Psychological Reports*, 3: 365-694, 1957. (Also acknowledges MH-5115).
- LOEVINGER, JANE: Theory and techniques of assessment. *Annual Review of Psychology*, 10:287-316, 1959. (Also acknowledges MH-5115).
- LOEVINGER, JANE: A theory of test response. In: Lennon, R. T., chairman. *Conference on testing problems*, Nov. 1, 1958. Princeton, N.J., Educational Testing Service, 1959, p. 36-47. (Also acknowledges MH-5115).
- LOEVINGER, JANE: Patterns of parenthood as theories of learning. *Journal of Abnormal and Social Psychology*, 59:148-150, 1959. Also in: Rosenblith, Judy, and Allinsmith, W., eds. *The causes of behavior*. Rockleigh, New Jersey, Allyn & Bacon, 1962, p. 73-75. (Also acknowledges MH-5115).
- LOEVINGER, JANE: Conflict of commitment in clinical research. *American Psychologist*, 18, 241-251, 1963. (Also acknowledges MH-5115).
- LOEVINGER, JANE, and OSSORIO, A. G.: Evaluation of therapy by self-report: A paradox. *Journal of Abnormal and Social Psychology*, 58:392-394, 1959. (Also acknowledges MH-5115).
- LOEVINGER, JANE, and SWEET, BLANCHE: Construction of a test of mothers' attitudes. In: Glidwell, J. C., ed. *Parental attitudes and child behavior*. Springfield, Ill., Charles C. Thomas, 1961, p. 110-123. (Also acknowledges MH-5115).
- LOEVINGER, JANE, SWEET, BLANCHE, OSSORIO, A. G., and LAPERRIERE, KITTY: Measuring personality patterns of women. *Genetic Psychology Monographs*, 65:53-136, 1962. (Also acknowledges MH-5115).
- MH-1215 (R01) HUNTON, VERA D., HICKS, LESLIE H., and MEENES, MAX: Comparative study of spatial orientation. Howard University, Washington, D.C. (1956-60)
- HICKS, L. H., and HUNTON, V. D.: The relative dominance of form and orientation in discrimination learning by monkeys and children. *Psychonomic Science*, :411-412, 1964.
- HUNTON, VERA D., and HICKS, LESLIE H.: A portable modification of the Wisconsin general-test apparatus. *American Journal of Psychology*, 72:291-292, 1959.
- HUNTON, VERA D., and HICKS, LESLIE H.: Discrimination of figural orientation by monkeys and children. *Perceptual and Motor Skills*, 21(1):55-59, 1965.

14 72.1 Federal Bureau of Investigation  
MH-1223 (R01) KNAPP, PETER H., and BAHNSON, CLAUD: The psychophysiology of emotional states. Boston University, Boston, Mass. (1956-58)

KNAPP, PETER H.: Acute bronchial asthma, II. Psychoanalytic observations on fantasy, emotional arousal, and partial discharge. *Psychosomatic Medicine*, 22:88-105, 1960.

KNAPP, PETER H., and NEMETZ, S. J.: Personality variations in bronchial asthma. *Psychosomatic Medicine*, 19:443-465, 1957. (Also acknowledges MH-609).

KNAPP, PETER H., and NEMETZ, S. J.: Sources of tension in bronchial asthma. *Psychosomatic Medicine*, 19:466-485, 1957. (Also acknowledges MH-609).

KNAPP, PETER H., and NEMETZ, S. J.: Acute bronchial asthma, I. Concomitant depression and excitement, and varied antecedent patterns in 406 attacks. *Psychosomatic Medicine*, 22:42-55, 1960.

MH-1224 (R01) HENRY, WILLIAM E.: Validation of the TAT test. University of Chicago, Chicago, Ill. (1956-58)

HENRY, WILLIAM E., and FARLEY, JANE: A study in validation of the Thematic Apperception Test. *Journal of Projective Techniques*, 23(3):273-277, 1959.

HENRY, WILLIAM E., and FARLEY, JANE: The validity of the Thematic Apperception Test in the study of adolescent personality. *Psychological Monographs*, 73(17):1-40, 1959. (Whole No. 487).

MH-1225 (R01) JARVIK, MURRAY E.: Behavioral effects of drugs in macaca mulatta. Yeshiva University—Albert Einstein College of Medicine, New York, N.Y. (1956- )

ABT, JOHN P., ESSMAN, WALTER B., and JARVIK, MURRAY E.: Ether-induced retrograde amnesia for one-trial conditioning in mice. *Science*, 133:1477-1478, 1961.

ADLER, M. W., and JARVIK, M. E.: Effects of chlorpromazine, pentobarbital and amphetamine upon performance by monkeys in a complex discrimination task. (Abstract) *Federation Proceedings*, 18:362, 1949.

ESSMAN, WALTER B., and JARVIK, MURRAY E.: A water-escape test for mice. *Psychological Reports*, 8:58, 1961.

ESSMAN, W. B., and JARVIK, M. E.: Extinction of a response conditioned in a single trial. *Psychological Reports*, 8:311-312, 1961.

ESSMAN, WALTER B., and JARVIK, MURRAY E.: Impairment of retention for a conditioned response by ether anesthesia in mice. *Psychopharmacologia*, 2:172-176, 1961.

JARVIK, M. E.: Means of integrating approaches to human behavior. *Diseases of the Nervous System, Monograph Supplement*, 21(2):1-14, 1960.

JARVIK, MURRAY E.: Interference by nitrous oxide with the ability of monkeys to delay a choosing response. (Abstract) *Pharmacologist*, 2(2):71, 1960.

JARVIK, M. E.: Psychopharmacology. In: Yearbook of science and technology. New York, McGraw-Hill, 1963, p. 463-465.

JARVIK, MURRAY E.: The influence of drugs upon memory. In: Steinberg, Hannah, de Reuck, A. V. S., and Knight, Julie, eds. Ciba Foundation Symposium. Co-ordinating Committee for Symposia on Drug Action on Animal Behaviour and Drug Action. London, J. & A. Churchill Ltd., 1964, p. 44-61.

JARVIK, MURRAY E., and ADLER, MARTIN W.: Impairment by nitrous oxide of a complex discrimination task in monkeys. (Abstract) *Pharmacologist*, 18:362, 1959.

JARVIK, M. E., and ADLER, M. W.: Nature of efficiency decrement produced by nitrous oxide on monkeys in a visual discrimination and delayed response test. *Journal of Pharmacology and Experimental Therapeutics*, 131:108-114, 1961.

JARVIK, M. E., and CHOROVER, S.: Impairment by lysergic acid diethylamide of accuracy in performance of a delayed alternation test in monkeys. *Psychopharmacologia*, 1:221-320, 1960.

JARVIK, MURRAY E., and ESSMAN, WALTER B.: A simple one-trial learning situation for mice. *Psychological Reports*, 6:290, 1960.

JARVIK, MURRAY E., and ROTHBALLER, ALAN B.: Effects of excitant and depressant drugs given via chronically implanted carotid catheters. (Abstract) *Federation Proceedings*, 18:407, 1959.

JARVIK, MURRAY E., and VAN LAER, ELIZABETH: Effects of ethyl alcohol on delayed response performance in monkeys. (Abstract) *Federation Proceedings*, 21(2):419, 1962.

PEARLMAN, CHESTER A., JR.: Similar retrograde amnesic effects of ether and spreading cortical depression. *Journal of Comparative and Physiological Psychology*, 61(2):306-308, 1966.

PEARLMAN, CHESTER, and JARVIK, MURRAY E.: Retrograde amnesia produced by spreading cortical depression. (Abstract) *Federation Proceedings*, 20:340, 1961.

PEARLMAN, CHESTER, and SHARPLESS, SETH K.: Effects of ether, pentobarbital and pentylenetetrazol upon one-trial learning of an avoidance response. (Abstract) *Federation Proceedings*, 18:432, 1959.

ROTHBALLER, A. B., and JARVIK, M. E.: Chronic catheterization of carotid and vertebral arteries

- cats. *Proceedings of the Society for Experimental Biology and Medicine*, 98, 699-703, 1958.
- VAN LAER, ELIZABETH K., and JARVIK, M. E.: Smoking behavior in monkeys. (Abstract) *Pharmacologist*, 5(2):241, 1963.
- VAN LAER, ELIZABETH K., JARVIK, MURRAY E., and VAN LAER, JOHN: Effects of ethyl alcohol on retention in a delayed-response test. *Quarterly Journal of Studies on Alcohol*, 26(3):384-392, 1965.
- MH-1226 (R01) DEWS, PETER B.: Analysis of effects of chlorpromazine and reserpine. Harvard University, Cambridge, Mass. (1956-59)
- DEWS, P. B.: Modification by drugs of performance on simple schedules of positive reinforcement. *Annals of the New York Academy of Sciences*, 65:268-281, 1956.
- DEWS, P. B.: Schedule parameter and behavioral effects of drugs. *Journal of Pharmacology*, 119(2):141-142, 1957.
- DEWS, P. B.: Studies on behavior. III. Effects of scopolamine on reversal of a discriminatory performance in pigeons. *Journal of Pharmacology*, 119:343-353, 1957.
- DEWS, P. B.: Analysis of effects of psychopharmacological agents in behavioral tests. *Federation Proceedings*, 17:1024-1030, 1958. (Also acknowledges MH-2094).
- DEWS, P. B.: Effects of chlorpromazine and promazine on performance on a mixed schedule of reinforcement. *Journal of the Experimental Analysis of Behavior*, 1:73-82, 1958.
- DEWS, P. B.: Effect of d-amphetamine on an item of operant behavior in humans. (Abstract) *Journal of Pharmacology and Experimental Therapeutics*, 122(1):18A-19A, 1958.
- DEWS, P. B.: Studies on behavior. IV. Stimulant actions of methamphetamine. *Journal of Pharmacology and Experimental Therapeutics*, 122:137-147, 1958.
- DEWS, P. B., and MORSE, W. H.: Some observations on an operant in human subjects and its modification by dextroamphetamine. *Journal of the Experimental Analysis of Behavior*, 1:359-364, 1958.
- PAASONEN, M. K., and DEWS, P. B.: Effects of raunescine and isoraunescine on behaviour and on the 5-hydroxytryptamine and noradrenaline contents of brain. *British Journal of Pharmacology and Chemotherapy*, 13:84-88, 1958.
- MH-1227 (R01) JOHNSTON, PHILIP W.: Effect of hearing loss on mentally retarded children. Walter E. Fernald State School, Waverly, Mass. (1956-57)
- JOHNSTON, PHILIP W., and FARRELL, MALCOLM J.: An experiment in improved medical and educational services for hard of hearing children at the Walter E. Fernald State School. *American Journal of Mental Deficiency*, 62(2):230-237, 1957.
- MH-1230 (R17) AMES, ADELBERT, III: Relation of mental function to brain metabolism. Harvard Medical School, Boston, Mass. (1956-61)
- AMES, A., and GURIAN, B. S.: Measurement of function in an in vitro preparation of mammalian central nervous tissue. *Journal of Neurophysiology*, 23:676-691, 1960.
- AMES, A., and GURIAN, B. S.: Recording of single unit activity in isolated central nervous tissue. *Science*, 133(3466):1767-1768, 1961.
- AMES, A., and NESBETT, F. B.: A method for multiple electrolyte analyses on small samples of nervous tissue. *Journal of Neurochemistry*, 3:116-126, 1958.
- AMES, A., and NESBETT, F. B.: Analysis for potassium, sodium, chloride and water in a 2 ul sample of extracellular fluid. *Analytical Biochemistry*, 1(1):1-7, 1960.
- DEROUEMONT, J., AMES, A., NESBETT, F. B., and HOFMANN, H. F.: Fluid formed by choroid plexus. A technique for its collection and a comparison of its electrolyte composition with serum and cisternal fluids. *Journal of Neurophysiology*, 23:485-495, 1960.
- MH-1233 (R01) CHANCE, ERIKA: Impact of child guidance treatment on the family. Mount Zion Hospital and Medical Center, San Francisco, Calif. (1956-58) (Continued from MH-830).
- CHANCE, ERIKA: Methodological problems in the study of parent-child relationships from treatment interview. *Merrill-Palmer Quarterly*, 3:272-283, 1957.
- CHANCE, ERIKA: Measuring pathogenic family relationships. *International Journal of Social Psychiatry*, 4(1):10-17, 1958.
- CHANCE, ERIKA: Families in treatment. New York, Basic Books, 1959, 234 p.
- MH-1239 (R01) SHIRLEY, DAVID A.: Benzophenothiazines as chemotherapeutic agents. University of Tennessee, Knoxville, Tenn. (1956-61)
- SHIRLEY, DAVID A., and JEVONS, C. LIU: Metallation of 12H-Benzo(a)phenothiazine with n-Butyllithium. *Journal of Organic Chemistry*, 25:1189-1190, 1960.
- SHIRLEY, DAVID A., and TATUM, W. EARL: Synthesis of 7-(Dialkylaminoalkyl)-benzo(c)phenothiazines. *Journal of the American Chemical Society*, 81:496-498, 1959.

SHIRLEY, DAVID A., and TATUM, W. EARL: The metabolism of 7H-Benzo(c)phenothiazine with n-Butyllithium. *Journal of Organic Chemistry*, 25: 2238-2239, 1960.

TALUKDAR, PURNENDU B., and SHIRLEY, DAVID A.: Synthesis of 12-(Dialkylaminoalkyl)-benzo(a)phenothiazines. *Journal of the American Chemical Society*, 80:3462-3466, 1958.

MH-1245 (R03) LOTSOFF, ERWIN J.: Decision-making and personality. University of California, Los Angeles, Calif. (1956-57)

LOTSOFF, ERWIN J.: Expectancy for success and decision-time. *The American Journal of Psychology*, 71:416-419, 1958.

LOTSOFF, ERWIN J.: Expectancy for success and certainty of response. *American Journal of Psychology*, 72:600-602, 1959.

MH-1246 (R01) GREENBLATT, MILTON, SOLOMON, L., and TURNER, LUCILLE: Autonomic correlates of traumatic avoidance learning. Harvard University, Cambridge, Mass. (1956-61)

TURNER, LUCILLE H., and SOLOMON, RICHARD L.: Human traumatic avoidance learning: Theory and experiments on the operant-respondent distinction and failure to learn. *Psychological Monographs*, 76(40), 1962. (Whole No. 559) (Also acknowledges MH-4202).

WESTCOTT, MALCOLM R., and HUTTENLOCKER, JANILLEN: Cardiac conditioning: The effects and implications of controlled and uncontrolled respiration. *Journal of Experimental Psychology*, 61: 353-359, 1961.

MH-1252 (R01) WEISS, JAMES M. A.: Psychiatric rehabilitation of older persons. Washington University, St. Louis, Mo. (1956-58)

DAVIS, D., WEISS, J. M. A., GILDEA, E. F., and MENSCH, I. N.: Psychiatric problems of later life: Clinical syndromes. *American Practice and Digest of Treatment*, 10:61-65, 1959.

MENSCH, I. N., WEISS, J. M. A., DAVIS, D., and GILDEA, E. F.: Psychiatric problems of later life: Treatment and rehabilitation. *American Practice and Digest of Treatment*, 10:225-228, 1959.

ROMMEL, L. A., SCHAIK, K. W., WEISS, J. M. A., and MELICAN, T. P.: The relationship between medical, psychological, and social factors and the psychiatric complaints of older patients. (Abstract) *American Psychologist*, 13:341, 1958.

SCHAIK, K. W., CHATHAM, L. R., and WEISS, J. M. A.: The multiprofessional intake assessment of older psychiatric patients. *Journal of Psychiatric Research*, 1:92-100, 1961.

SCHAIK, K. W., ROMMEL, L. A., and WEISS, J. M. A.: Judging the relative severity of psychi-

atric out-patient complaints. *Journal of Clinical Psychology*, 15:380-388, 1959.

WEISS, J. M. A.: Evaluating the psychiatric problems of older persons. (Abstract) *Journal of Gerontology*, 14:509, 1959.

WEISS, J. M. A., CHATHAM, L. R., and SCHAIK, K. W.: Dynamic patterns of symptom formation associated with aging. In: The scientific papers of the 116th Annual Meeting of the American Psychiatric Association in summary form. Washington, D.C., American Psychiatric Association, 1960.

WEISS, J. M. A., CHATHAM, L. R., and SCHAIK, K. W.: Symptom formation associated with aging: Dynamic pattern. *Archives of General Psychiatry*, 4:22-29, 1961.

WEISS, J. M. A., GILDEA, E. F., DAVIS, D., and MENSCH, I. N.: Psychiatric problems of later life: Nature and scope. *American Practice and Digest of Treatment*, 9:1955-1959, 1958.

WEISS, J. M. A., ROMMEL, L. A., and SCHAIK, K. W.: Patterns of initial complaints of older persons referred to a psychiatric clinic. In: The scientific papers of the 114th Annual Meeting of the American Psychiatric Association in summary form. Washington, D.C., American Psychiatric Association, 1958.

WEISS, J. M. A., ROMMEL, L. A., and SCHAIK, K. W.: The presenting problems of older persons referred to a psychiatric clinic. *Journal of Gerontology*, 14:477-481, 1959.

WEISS, J. M. A., and SCHAIK, K. W.: Factors in patients' failure to return to a psychiatric clinic. *Diseases of the Nervous System*, 19:323-328, 1958.

WEISS, J. M. A., and SCHAIK, K. W.: Symptom formation among older patients in a psychiatric clinic population. In: Blumenthal, H. T., ed. *Medical and clinical aspects of aging*. New York, Columbia University Press, 1962, p. 64-71.

WEISS, J. M. A., WILLIS, B. B., JONES, J., SCHAIK, K. W., ROBINS, A. J., and FIELDS, C.: Predicting the psychiatric problems of older persons: A follow-up study. *Comprehensive Psychiatry*, 2:350-357, 1961. Also in: Tibbitts, C., and Donahue, W., eds. *Social and psychological aspects of aging*. New York, Columbia University Press, 1962, p. 568-577.

MH-1259 (R03) BINDER, ARNOLD: Visual perception and learning theory concepts. Indiana University, Bloomington, Ind. (1956-57)

BINDER, A., and FELDMAN, S.: The effects of experimentally controlled experience upon reaction responses. *Psychological Monographs*, 73:1-43, 1960. (Whole No. 496). (Also acknowledges MH-2170).

- tachistoscopic recognition thresholds. *Journal of Experimental Psychology*, 58:227-231, 1959.
- MH-1260 (R01) SONTAG, LESTER W.: Multidisciplinary studies in human development. Fels Research Institute, Yellow Springs, Ohio. (1956-64)
- CRANDALL, V., and SINKELDAM, CAROL: Children's dependent and achievement behaviors in social situations and their perceptual field dependence. *Journal of Personality*, 32:1-22, 1964. (Also acknowledges MH-2238).
- GARN, STANLEY M.: Roentgenogrammetric determinations of body composition. *Human Biology*, 29(4):337-353, 1957.
- GARN, S. M.: Research and malocclusion. *American Journal of Orthodontia*, 47:661-673, 1961. (Also acknowledges MH-1294).
- GARN, S. M.: Radiographic analysis of body composition. In: Brozek, J., and Henschel, A., eds. *Techniques for measuring body composition*. Washington, D.C., National Academy of Sciences, 1961, p. 36-58.
- GARN, S. M.: Anthropometry in clinical appraisal. *American Journal of Clinical Nutrition*, 11:418-432, 1962.
- GARN, S. M.: Determinants of size and growth during the first three years of life. New York, Karger, S. *Bibliographia Paediatrica*, 79(7):50-55, 1962.
- GARN, S. M.: The genetics of normal human growth. In: De genetica medica. Rome, Gregor Mendel Institute, 1962, p. 415-434.
- GARN, S. M.: Human biology and research in body composition. *Annals of the New York Academy of Science*, 110:429-446, 1963.
- GARN, S. M., CLARK, A., LANDKOF, L., and NEWELL, L.: Parental body build and developmental progress in the offspring. *Science*, 132:1555-1556, 1960.
- GARN, S. M., and FRENCH, N. Y.: Postpartum and age changes in areolar pigmentation. *American Journal of Obstetrics and Gynecology*, 85:873-875, 1963.
- GARN, S. M., and HASKELL, J. H.: Fat and growth during childhood. *Science*, 130:1711-1712, 1959.
- GARN, S. M., and LEWIS, A. B.: The relationship between third molar agenesis and reduction in tooth number. *Angle Orthodontist*, 32:14-18, 1962.
- GARN, S. M., and LEWIS, A. B.: Phylogenetic and intra-specific variations in tooth sequence polymorphism. In: Brothwell, D. R., ed. *Dental anthropology*. London, Pergamon, 1963, p. 53-73.
- Relative molar size and fossil taxonomy. *American Anthropologist*, 66:587-592, 1964.
- GARN, S. M., LEWIS, A. B., KOSKI, K., and POLACHECK, D. L.: The sex difference in tooth calcification. *Journal of Dental Research*, 38:561-567, 1958.
- GARN, S. M., LEWIS, A. B., and POLACHECK, D. L.: Variability of tooth formation in man. *Science*, 128:1510, 1958.
- GARN, S. M., LEWIS, A. B., and POLACHECK, D. L.: Variability of tooth formation. *Journal of Dental Research*, 38:135-148, 1959.
- GARN, S. M., LEWIS, A. B., and POLACHECK, D. L.: Sibling similarities in dental development. *Journal of Dental Research*, 39:170-175, 1960.
- GARN, S. M., LEWIS, A. B., and POLACHECK, D. L.: Interrelations in dental development. I. Interrelationships within the dentition. *Journal of Dental Research*, 39:1049-1055, 1960.
- GARN, S. M., LEWIS, A. B., and VICINUS, J. H.: Third molar polymorphism and its significance to dental genetics. In: Dahlberg, A., ed. *Genetics of oral structures*. Chicago, Chicago Press, 1963, p. 1344-1363.
- GARN, S. M., and NOLAN, P., JR.: A tank to measure body volume by water displacement (BoVoTa). *Annals of the New York Academy of Science*, 110:91-95, 1963.
- GARN, S. M., and ROHMANN, C. G.: Communalities of the ossification centers of the hand and wrist. *American Journal of Physical Anthropology*, 17:319-323, 1960.
- GARN, S. M., and ROHMANN, C. G.: Variability in the order of ossification of the bony centers of the hand and wrist. *American Journal of Physical Anthropology*, 18:219-230, 1960.
- GARN, S. M., and ROHMANN, C. G.: Parent-child similarities in hand-wrist ossification. *American Journal of Diseases of Children*, 103:603-607, 1962.
- KAGAN, J.: The concept of identification. *Psychological Review*, 65:296-305, 1958.
- KAGAN, J.: The stability of TAT fantasy and stimulus ambiguity. *Journal of Consulting Psychology*, 23:266-271, 1959.
- KAGAN, J.: The long term stability of selected Rorschach responses. *Journal of Consulting Psychology*, 24:67-73, 1960.
- KAGAN, J.: Thematic apperceptive techniques with children. In: Rabin, A. I., and Haworth, M. R., eds. *Projective techniques with children*. New York, Grune & Stratton, 1960, p. 105-129.



- KAGAN, J.: Stylistic variables in fantasy behavior: The ascription of affect states to social stimuli. In: Kagan, J., and Lesser, G. S., eds. *Contemporary issues in thematic apperceptive methods*. Springfield, Ill., C. C. Thomas, 1961, p. 196-220.
- KAGAN, J., and FREEMAN, MARIAN: Relation of childhood intelligence, material behaviors, and social class to behavior during adolescence. *Child Development*, 34:899-911, 1963. (Also acknowledges MH-4464).
- KAGAN, J., and GARN, S. M.: A constitutional correlate of early intellectual functioning. *Journal of Genetic Psychology*, 102:83-89, 1963.
- KAGAN, J., HOSKEN, B., and WATSON, S.: The child's symbolic conceptualization of the parents. *Child Development*, 32:625-626, 1961.
- KAGAN, J., and LEMKIN, J.: Form, color, and size in children's conceptual behavior. *Child Development*, 32:25-28, 1960.
- KAGAN, J., and LEMKIN, J.: The child's differential perception of parental attributes. *Journal of Abnormal and Social Psychology*, 61:440-447, 1960.
- KAGAN, JEROME, and LEWIS, MICHAEL: Studies of attention in the human infant. *Merrill-Palmer Quarterly of Behavior and Development*, 11(2): 95-127, 1965. (Also acknowledges MH-4464).
- KAGAN, J., and MOSS, H. A.: Parental correlates of child's IQ and height: A cross-validation of the Berkeley Growth Study results. *Child Development*, 30:325-332, 1959.
- KAGAN, J., and MOSS, H. A.: Stability and validity of achievement fantasy. *Journal of Abnormal and Social Psychology*, 58:357-364, 1959.
- KAGAN, J., and MOSS, H. A.: The stability of passive and dependent behavior from childhood through adulthood. *Child Development*, 31:577-591, 1960.
- KAGAN, J., and MOSS, H. A.: The availability of conflictful ideas: A neglected parameter in assessing projective test responses. *Journal of Personality*, 29:127-234, 1961.
- KAGAN, JEROME, and MOSS, HOWARD A.: Birth to maturity. A study in psychological development. New York and London, John Wiley & Sons, 1962, 381 p. (Also acknowledges MH-623).
- KAGAN, J., MOSS, H. A., and SIGEL, I. E.: Conceptual style and the use of affect labels. *Merrill-Palmer Quarterly of Behavior and Development*, 4:261-278, 1960.
- KAGAN, J., MOSS, H. A., and SIGEL, I. E.: Psychological significance of styles of conceptualization. In: Wright, J. C., and Kagan, J., eds. *Basic cognitive processes in children*. Society for Research in Child Development, Monograph, 28(2):73-112, 1963. (Serial No. 86). (Also acknowledges MH-4464).
- KAGAN, J., and ROSMAN, BERNICE L.: Cardiac and respiratory correlates of attention and an analytic attitude. *Journal of Experimental Child Psychology*, 1:50-63, 1964. (Also acknowledges MH-4464).
- KAGAN, J., SONTAG, L. W., BAKER, C. T., and NELSON, V. L.: Personality and IQ changes. *Journal of Abnormal and Social Psychology*, 56: 261-266, 1958.
- KOSKI, K., and GARN, S. M.: Tooth eruption sequence in fossil and modern man. *American Journal of Physical Anthropology*, 15:469-488, 1957.
- LACEY, JOHN I., KAGAN, JEROME, LACEY, BEATRICE C., and MOSS, HOWARD A.: The visceral level: Situational determinants and behavioral correlates of autonomic response patterns. In: Knapp, P. J., ed. *Expression of the emotions in man*. New York, International Universities Press, 1962, p. 161-196. (Also acknowledges MH-623).
- LANSKY, I. M., CRANDALL, J. KAGAN, and BAKER, C. T.: Sex differences in aggression and its correlates in middle class adolescents. *Child Development*, 32:45-58, 1961.
- LEE, L. C.: Concept utilization in preschool children. *Child Development*, 36(1):221-227, 1965.
- LEWIS, A. B., and GARN, S. M.: The relationship between tooth formation and other maturation factors. *Angle Orthodontist*, 30:70-77, 1960.
- LEWIS, MICHAEL: Effect of effort on value: An exploratory study of children. *Child Development*, 35(4):1337-1342, 1964.
- LEWIS, MICHAEL: Some nondecremental effects of effort. *Journal of Comparative and Physiological Psychology*, 57:367-372, 1964. (Also acknowledges MH-4202).
- LEWIS, MICHAEL: Effect of effort on choice: Value of a secondary reinforcer. *Psychological Reports*, 16(2):557-560, 1965.
- LEWIS, MICHAEL: Probability learning in young children: The binary choice paradigm. *Journal of Genetic Psychology*, 108(1):43-48, 1966.
- LEWIS, MICHAEL, and RICHMAN, SHANNA: Social encounters and their effect on subsequent social reinforcement. *Journal of Abnormal and Social Psychology*, 69:253-257, 1964.
- LONDON, PERRY: Developmental experiments in hypnosis. *Journal of Projective Techniques and Personality Assessment*, 29(2):189-199, 1965.
- MOSS, H. A., and KAGAN, J.: Maternal influence on early IQ scores. *Psychological Reports*, 655-661, 1958.
- MOSS, H. A., and KAGAN, J.: The stability of achievement and recognition-seeking behavior from early childhood through adulthood. *Journal of*

- Journal of Abnormal and Social Psychology*, 62:504-513, 1961.
- SONTAG, L. W.: Psychosomatics and somatopsychics from birth to three years. *Modern Problems of Pediatrics*, 7:139-156, 1962.
- SONTAG, L. W.: Effect of maternal emotions on fetal development. In: Kroger, W. S., ed. *Psychosomatic obstetrics, gynecology and endocrinology*. Springfield, Ill., Thomas, 1962.
- SONTAG, L. W.: Fetal behavior as a predictor of behavior in childhood. *Medicine et Hygiene*, 21: 659-664, 1963.
- SONTAG, L. W.: Somatopsychics of personality and body function. *Vita Humana*, 6:1-10, 1963.
- SONTAG, L. W., BAKER, C. T., and NELSON, V. L.: Mental growth and personality development. A longitudinal study. *Monographs of the Society for Research in Child Development*, 23(2):1-143, 1958. (Serial No. 68).
- SONTAG, L. W., and KAGAN, J.: The emergence of intellectual achievement motives. *American Journal of Orthopsychiatry*, 33:532-535, 1963.
- THOMAS, C. B., and GARN, S. M.: Degree of obesity and serum cholesterol level. *Science*, 131:42, 1960.
- WATERS, E., and CRANDALL, V. J.: Social class and observed maternal behavior from 1940 to 1960. *Child Development*, 35(4):1021-1032, 1964. (Also acknowledges MH-2238).
- MH-1263 (R01) LOOMIS, EARL A., JR.: Play patterns in schizophrenic and other children. St. Luke's Hospital, New York, N.Y. (1956-60)
- LOOMIS, E. A., JR.: Autistic and symbiotic syndromes in children. *Monograph Social Research Child Development*, 25(3):39-48, 1960. (Whole No. 77)
- LOOMIS, E. A., JR., and MEYER, L. R.: Observations and recording—a simultaneous process. *American Journal of Orthopsychiatry*, 29:574-582, 1959.
- LOOMIS, E. A., JR., WILGEMAN, L. H., and MEYER, L. R.: Childhood psychosis. Play patterns as non-verbal indices of ego functions: A preliminary report. *American Journal of Orthopsychiatry*, 27: 691-700, 1957.
- MEYER, L. R.: A methodological approach to the evaluation of treatment in young nonverbal children. *American Journal of Orthopsychiatry*, 31: 748-756, 1961.
- MUNZER, JEAN: Group therapy with parents of psychotic children in a co-ordinated research program. *International Journal of Group Psychotherapy*, 12: 107-112, 1962.
- SCHACHTER, F. F., MEYER, L. R., and LOOMIS, retardation: Differential diagnosis before and after one year of psychotherapy. *American Journal of Orthopsychiatry*, 32:584-594, 1962.
- WRIGHT, B., LOOMIS, E. A., JR., and MEYER, L. R.: Observational Q-sort differences between schizophrenic, retarded and normal preschool boys. *Child Development*, 34:169-185, 1963.
- MH-1265 (R01) MCGANITY, WILLIAM J., and MEIER, GILBERT W.: Fetal pyridoxine deficiency and behavior defects. Vanderbilt University, Nashville, Tenn. (1956-60)
- MCGANITY, WILLIAM J., BRIDGFORTH, EDWIN B., and DARBY, WILLIAM J.: Vanderbilt cooperative study of maternal and infant nutrition. Vol. 12. Effect of reproductive cycle on nutritional status and requirements. *Journal of the American Medical Association*, 168:2138-2145, 1958.
- MH-1273 (R01) BRADWAY, KATHERINE P.: IQ changes from preschool to adulthood. Stanford University, San Francisco, Calif. (1956-59)
- BRADWAY, KATHERINE P., and ROBINSON, NANCY M.: Significant IQ changes in twenty-five years: A follow-up. *Journal of Educational Psychology*, 52(2):74-79, 1961.
- BRADWAY, KATHERINE P., and THOMPSON, CLARE W.: Intelligence at adulthood: A twenty-five year follow-up. *Journal of Educational Psychology*, 53(1):1-14, 1962.
- BRADWAY, KATHERINE P., THOMPSON, CLARE W., and CRAVENS, RICHARD B.: Preschool IQs after twenty-five years. *Journal of Educational Psychology*, 49(5):278-281, 1958.
- MH-1274 (R01) BIERI, JAMES: Cognitive factors in behavior. Harvard University, Cambridge, Mass. (1956-57) (Continued as MH-1976).
- BIERI, J., BRADBURN, W. M., and GALINSKY, M. D.: Sex differences in perceptual behavior. *Journal of Personality*, 26:1-12, 1958.
- BIERI, J., LOBECK, R., and GALINSKY, M. D.: A comparison of direct, indirect and fantasy measures of identification. *Journal of Abnormal and Social Psychology*, 58:253-258, 1959. Also in: Mednick, M. T., and Mednick, S. A., eds. *Readings in personality*. New York, Holt, Rinehart, & Winston, 1963, p. 444-453. (Also acknowledges MH-1976).
- MH-1281 (R01) WENGER, MARION A.: Autonomic responses in psychosomatic disorders. University of California, Los Angeles, Calif. (1957-61)
- STERMAN, M. B., CLEMENS, T. L., and WENGER, M. A.: Autonomic and clinical correlates of dif-

- pressor stimulation. *Psychophysiology*, 2(4):327-337, 1966.
- WENGER, M. A.: Studies on autonomic balance: A summary. *Psychophysiology*, 2(3):178-186, 1966. (Also acknowledges MH-788).
- WENGER, M. A., CLEMENS, T. L., and CULLEN, T. D.: Autonomic functions in patients with gastro-intestinal and dermatological disorders. *Psychosomatic Medicine*, 24:267-273, 1962. (Also acknowledges MH-788).
- MH-1283 (R01) MISIAK, HENRYK, and LORANGER, ARMAND: Aging intellectual functions and critical flicker. Fordham University, New York, N.Y. (1956-60)
- LORANGER, ARMAND W., and MISIAK, HENRYK: Critical flicker frequency and some intellectual functions in old age. *Journal of Gerontology*, 14:323-327, 1959.
- LORANGER, ARMAND W., and MISIAK, HENRYK: The performance of aged females on five non-language tests of intellectual functions. *Journal of Clinical Psychology*, 16:189-191, 1960.
- MISIAK, HENRYK, and LORANGER, ARMAND W.: Cerebral dysfunction and intellectual impairment in old age. *Science*, 134:1518-1519, 1961.
- MISIAK, HENRYK, and LORANGER, ARMAND W.: Perseveration factor. *Science*, 135(3506):794, 1962.
- MH-1284 (R01) PHILLIPS, LESLIE, and LANE, JOHN E.: An exploratory study of healthy personality. Clark University, Worcester, Mass. (1956-58)
- PFEFFER, M. H.: The cognitive implications of role taking behavior. *Journal of Personality*, 26(2):152-168, 1959.
- MH-1286 (R01) BLUM, GERALD S.: Research program in psychoanalytic behavior theory. University of Michigan, Ann Arbor, Mich. (1956-59)
- BLUM, G. S.: Psychoanalytic behavior theory: A conceptual framework for research. In: David, H. P., and Brengelmann, J. C., eds. *Perspectives in personality research*. New York, Springer, 1960, p. 107-138.
- BLUM, G. S.: A model of the mind. New York, John Wiley & Sons, 1961, 229 p.
- MENDELSON, G. A.: The competition of affective responses in human subjects. *Journal of Abnormal and Social Psychology*, 65:26-31, 1962.
- MINKOWICH, ABRAM, WEINGARTEN, LINDA L., and BLUM, GERALD S.: Empirical contributions to a theory of ambivalence. *Journal of Abnormal Psychology*, 71(1):30-41, 1966.
- PERLOE, S. I.: Inhibition as a determinant of perceptual defense. *Perceptual and Motor Skills*, 15:59-66, 1960.
- MH-1287 (R01) MURRAY, HENRY A.: Creative and cooperative social interaction. Harvard University, Cambridge, Mass. (1956-61)
- EPLEY, D., and RICKS, D. F.: Foresight and insight in the TAT. *Journal of Projective Techniques*, 27(1):51-59, 1963.
- KENISTON, KENNETH: Alienation and the search for utopia. *American Scholar*, 29:1-10, 1960.
- KENISTON, K.: Entangling juvenile delinquency. *Commentary*, 29:486-491, 1960.
- KENISTON, K.: Youth and the continuity of generations. *Journal of Jewish Communal Services*, 10:5-27, 1961.
- KENISTON, K.: Social change and youth in America. *Daedalus*, 91:145-171, 1962.
- KENISTON, K.: American students and the social revival. *American Scholar*, 32:40-41, 1963.
- KENISTON, K.: The American student. In: Report of the Eighth Yale Conference on the History of the Social Sciences. New Haven, Connecticut, Yale University, 1963.
- KENISTON, K.: Inburn: An American Ishmael. White, R. W., ed. *The study of literature*. New York, Atherton Press, 1963, p. 40-70.
- KENISTON, K., and COUCH, A.: Yearnings and sayers: Agreeing response set as a personality variable. *Journal of Abnormal and Social Psychology*, 60:151-174, 1960.
- KENISTON, K., and COUCH, A.: Agreeing response set and social desirability. *Journal of Abnormal and Social Psychology*, 61:175-179, 1961.
- KROEBER, T. C.: The coping functions of the ego mechanisms. In: White, R. D., ed. *The study of lives*. New York, Atherton Press, 1964, p. 70.
- MURRAY, H. A.: Theoretical basis for projective tests. *Proceedings of the International Congress for Psychology*, Brussels, 1957, p. 1-2.
- MURRAY, H. A.: Drive, time, strategy, measurement and our way of life. In: Lindzey, G., ed. *The study of human motives*. New York, Random House, 1958, p. 183-196.
- MURRAY, H. A.: Individuality: The meaning and content of individuality in contemporary America. *Daedalus*, 87:25-47, 1958.
- MURRAY, H. A.: Notes on the Icarus syndrome. *Polia psychiatric, neurologica, et neurochirurgica Neelandica*, 61:204-208, 1958.
- MURRAY, H. A.: Vicissitudes of creativity. In:

- derson, H. H., ed. *Creativity and its cultivation*. New York, Harper, 1959, p. 96-118.
- MURRAY, H. A.: Preparations for the scaffold of a comprehensive system. In: Koch, S., ed. *Psychology: A study of science*. Vol. 3. New York, McGraw-Hill, 1959, p. 7-54.
- MURRAY, H. A.: Historical trends in personality research. In: David, H. P., and Brengelmann, J. C., eds. *Perspectives in personality research*. New York, Springer, 1960.
- MURRAY, H. A.: Commentary on the case of E1. *Journal of Projective Techniques*, 25:404-411, 1961.
- MURRAY, H. A.: Prospect for psychology. *Science*, 136:483-488, 1962.
- MURRAY, H. A.: Studies of stressful interpersonal disputations. *American Psychologist*, 18:28-36, 1963.
- WESSMAN, A. E., RICKS, D. F., and TYL, MARY McILLVAINE: Characteristics and concomitants of mood fluctuation in college women. *Journal of Abnormal and Social Psychology*, 60:117-126, 1960. (Also acknowledges MH-700).
- MH-1289 (R01) SNYDER, CHARLES R.: Alcohol and higher-order problem solving. Yale University, New Haven, Conn. (1956-58)
- CARPENTER, JOHN A., MOORE, OMAR K., SNYDER, CHARLES R., and LISANSKY, EDITH S.: Alcohol and higher-order problem solving. *Quarterly Journal of Studies on Alcohol*, 22:183-222, 1961.
- MH-1290 (R01) WISCHNER, GEORGE J., BRAUN, HARRY W., and PATTON, ROBERT A.: Formation of learning sets in children. University of Pittsburgh, Pittsburgh, Pa. (1956- )
- DEHAAN, H. F., and WISCHNER, G. J.: Three-dimensional objects versus projected color photographs of objects as stimuli in learning-set formation by retarded children. *Journal of Comparative and Physiological Psychology*, 56:440-444, 1963.
- WISCHNER, G. J., BRAUN, H. W., and PATTON, R. A.: Acquisition and long-term retention of an object-quality learning set by retarded children. *Journal of Comparative and Physiological Psychology*, 55:518-523, 1962.
- WISCHNER, G. J., and O'DONNELL, J. P.: Concurrent learning-set formation in normal and retarded children. *Journal of Comparative and Physiological Psychology*, 55:524-527, 1962.
- MH-1292 (R01) KRECH, DAVID, BENNETT, EDWARD L., and ROSENZWEIG, MARK R.: Brain chemistry and behavior. University of California, Berkeley, Calif. (1956-63)
- BENNETT, E. L., CROSSLAND, J., KRECH, D., and ROSENZWEIG, M. R.: Strain differences in acetylcholine concentrations in rat brain. *Nature*, 187: 787, 1960.
- BENNETT, E. L., DRORI, J. B., KRECH, D., ROSENZWEIG, M. R., and ABRAHAM, S.: Hexokinase activity in brain. *Journal of Biological Chemistry*, 237:1758-1763, 1962.
- BENNETT, E. L., KRECH, D., ROSENZWEIG, M. R., KARLSSON, H., DYE, N., and OHLANDER, A.: Cholinesterase and lactic dehydrogenase activity in the rat brain. *Journal of Neurochemistry*, 3: 153-160, 1958.
- BENNETT, E. L., ROSENZWEIG, M. R., KRECH, D., KARLSSON, H., DYE, N., and OHLANDER, A.: Individual, strain and age differences in cholinesterase activity of the rat brain. *Journal of Neurochemistry*, 3:144-152, 1958.
- BENNETT, E. L., ROSENZWEIG, M. R., KRECH, D., OHLANDER, A., and MORIMOTO, H.: Cholinesterase activity and protein content of rat brain. *Journal of Neurochemistry*, 6:210-218, 1961.
- DIAMOND, MARION C., KRECH, DAVID, and ROSENZWEIG, MARK R.: The effects of an enriched environment on the histology of the rat cerebral cortex. *Journal of Comparative Neurology*, 123: 111-120, 1964.
- KRECH, DAVID: Effects of experience on brain chemistry and anatomy. *Acta Psychologica*, 23:169-170, 1964.
- KRECH, D., ROSENZWEIG, M. R., and BENNETT, E. L.: Cholinesterase activity. *Science*, 128:1176, 1958.
- KRECH, D., ROSENZWEIG, M. R., and BENNETT, E. L.: Correlation between brain cholinesterase and brain weight within two strains of rats. *American Journal of Physiology*, 196:31-32, 1959.
- KRECH, D., ROSENZWEIG, M. R., and BENNETT, E. L.: Effects of environmental complexity and training on brain chemistry. *Journal of Comparative and Physiological Psychology*, 53:509-519, 1960.
- KRECH, D., ROSENZWEIG, M. R., and BENNETT, E. L.: Inter-hemispheric effects of cortical lesions on brain biochemistry. *Science*, 132:352-353, 1960.
- KRECH, D., ROSENZWEIG, M. R., and BENNETT, E. L.: Relations between brain chemistry and problem-solving, among rats raised in enriched and impoverished environments. *Journal of Comparative and Physiological Psychology*, 55:801-807, 1962.
- KRECH, D., ROSENZWEIG, M. R., and BENNETT, E. L.: On the trail of the memory trace. Festschrift honoring Wolfgang Kohler. *Psychologische Beitrage*, 6:472-483, 1962.

- KRECH, D., ROSENZWEIG, M. R., and BENNETT, E. L.: Effects of complex environment and blindness on rat brain. *Archives of Neurology*, 8:403-412, 1963.
- MARKOWITZ, H., and SASLOW, M. G.: A reliable silent electronic shock scrambler. *Journal of the Experimental Analysis of Behavior*, 7:267-268, 1964.
- RODERICK, T. H.: Selection for cholinesterase activity in the cerebral cortex of the rat. *Genetics*, 45: 1123-1140, 1960.
- ROSENZWEIG, M. R.: Mechanisms of seeing: The role of the brain. *Proceedings of the International Congress on Technology and Blindness*, 2: 45-85, 1963.
- ROSENZWEIG, M. R.: Effects of heredity and environment on brain chemistry, brain anatomy, and learning ability in the rat. *Kansas Studies in Education*, 14:3-34, 1964.
- ROSENZWEIG, M. R., KRECH, D., and BENNETT, E. L.: Brain enzymes and adaptive behavior. In: *Neurological basis of behavior*. Ciba Foundation Symposium, London, Churchill, J. & A., 1958, p. 337-355.
- ROSENZWEIG, M. R., KRECH, D., and BENNETT, E. L.: Individual differences in behavior and their correlates in brain biochemistry. In: *Proceedings of the Fifteenth International Congress of Psychology*, Brussels, 1957. Amsterdam, North Holland Publishing Co., 1959, p. 182-183.
- ROSENZWEIG, M. R., KRECH, D., and BENNETT, E. L.: Acetylcholine metabolism and behavior of rats. *Science*, 129:62-64, 1959.
- ROSENZWEIG, M. R., KRECH, D., and BENNETT, E. L.: A search for relations between brain chemistry and behavior. *Psychological Bulletin*, 57: 476-492, 1960.
- ROSENZWEIG, M. R., KRECH, D., and BENNETT, E. L.: Heredity, environment, brain biochemistry, and learning. In: Patton, Robert, ed. *Current trends in psychological theory*. Pittsburgh, University of Pittsburgh Press, 1961, p. 87-110.
- ROSENZWEIG, M. R., KRECH, D., and BENNETT, E. L.: Relations entre la chimie du cerveau et le comportement adaptatif. *Psychologie Française*, 6: 81-89, 1961.
- ROSENZWEIG, M. R., KRECH, D., and BENNETT, E. L.: Effets de l'apprentissage sur la chimie et l'anatomie du cerveau. *Psychologie Française*, 7: 209-215, 1962.
- ROSENZWEIG, M. R., KRECH, D., BENNETT, E. L., and DIAMOND, M. D.: Effects of environmental complexity and training on brain chemistry and anatomy: A replication and extension. *Journal of Comparative and Physiological Psychology*, 55: 429-437, 1962.
- ROSENZWEIG, M. R., KRECH, D., BENNETT, E. L., and ZOLMAN, J. F.: Variation in environmental complexity and brain measures. *Journal of Comparative and Physiological Psychology*, 55:1092-1095, 1962.
- SASLOW, M. G., and MARKOWITZ, H.: An inexpensive and simple solid state timer. *Journal of Experimental Analysis of Behavior*, 7(2):150, 1964.
- TAPP, J. T., and MARKOWITZ, H.: Infant handling: Effects on avoidance learning, brain weight, and cholinesterase activity. *Science*, 140:486-487, 1963.
- THIESSEN, D. D., ZOLMAN, J. F., and RODGERS, D. A.: Relation between adrenal weight, brain cholinesterase activity, and hole-in-wall behavior of mice under different living conditions. *Journal of Comparative and Physiological Psychology*, 55:186-190, 1962.
- WOOLLEY, D. E., ROSENZWEIG, M. R., KRECH, D., BENNETT, E. L., and TIMIRAS, P. S.: Strain and sex differences in threshold and pattern of electroshock convulsions in rats. *Physiologist*, 3:182, 1960.
- WOOLLEY, D. E., TIMIRAS, P. S., ROSENZWEIG, M. R., KRECH, D., and BENNETT, E. L.: Sex and strain differences in electroshock convulsions of the rat. *Nature*, 190:515-516, 1961.
- WOOLLEY, D. E., TIMIRAS, P. S., ROSENZWEIG, M. R., KRECH, D., and BENNETT, E. L.: Strain differences in seizure responses and brain cholinesterase activity in rats. *Proceedings of the Society for Experimental and Biological Medicine*, 112:781-785, 1963.
- ZOLMAN, J. F., and MORIMOTO, H.: Effects of a maze of training on cholinesterase activity in brains of maze-bright rats. *Journal of Comparative Physiological Psychology*, 55:794-800, 1962.
- ZOLMAN, JAMES F., and MORIMOTO, HIROMI: Cerebral changes related to duration of environmental complexity and locomotor activity. *Journal of Comparative and Physiological Psychology*, 60(3): 382-387, 1965.
- MH-1293 (R01) EPSTEIN, SEYMOUR: Measurement of drive and conflict. University of Massachusetts, Amherst, Mass. (1956- )
- BURSTEIN, KENNETH, R., FENZ, WALTER, BERGERON, JAMES, and EPSTEIN, SEYMOUR: A comparison of skin potential and skin resistance responses as measures of emotional reactivity. *Psychophysiology*, 2(1):14-24, 1965.
- EPSTEIN, S.: Food related responses to ambiguous stimuli as related to hunger and ego strength. *Journal of Consulting Psychology*, 25:463-471, 1961.
- EPSTEIN, S.: The measurement of drive and conflict in humans: Theory and experiment. In: JOHNSON, J. W., and J. W. JOHNSON, eds. *Measurement of drive and conflict*. New York, Wiley, 1965, p. 1-10.

- M. R., ed. *Nebraska Symposium on Motivation*. Lincoln, Nebraska, University of Nebraska Press, 1962, p. 127-209.
- EPSTEIN, S., and FENZ, W. D.: Theory and experiment on the measurement of approach-avoidance conflict. *Journal of Abnormal and Social Psychology*, 64:97-112, 1962.
- EPSTEIN, SEYMOUR, and FENZ, WALTER D.: Steepness of approach and avoidance gradients in humans as a function of experience: Theory and experiment. *Journal of Experimental Psychology*, 70(1):1-12, 1965.
- EPSTEIN, S., and LEVITT, H.: The influence of hunger on the learning and recall of food-related words. *Journal of Abnormal and Social Psychology*, 64:130-135, 1962.
- FENZ, WALTER D.: Conflict and stress as related to physiological activation and sensory, perceptual, and cognitive functioning. *Psychological Monographs*, 78:1-33, 1964. (Whole No. 585).
- FENZ, W. D., and EPSTEIN, S.: Measurement of approach-avoidance conflict by a stimulus dimension in a test of thematic apperception. *Journal of Personality*, 30:613-632, 1962.
- FENZ, WALTER D., and EPSTEIN, SEYMOUR: Manifest anxiety: Unifactorial or multifactorial composition. *Perceptual and Motor Skills*, 29(3) Part 1:773-780, 1965.
- LEBOW, K., and EPSTEIN, S.: Thematic and cognitive responses of good premorbid schizophrenics to dimensions of nurturance for mother- father- and peer-figures. *Journal of Consulting Psychology*, 27:24-33, 1963.
- LEIMAN, A., and EPSTEIN, S.: Thematic sexual responses as related to sexual drive and guilt. *Journal of Abnormal and Social Psychology*, 63:169-175, 1961.
- NELSON, T., and EPSTEIN, S.: Relationships among three levels of conflict. *Journal of Consulting Psychology*, 26:345-350, 1962.
- SALTZ, G., and EPSTEIN, S.: Thematic hostility and guilt responses as related to self-reported hostility, guilt, and conflict. *Journal of Abnormal and Social Psychology*, 67:469-479, 1963.
- MH-1294 (R01) WILLIAMS, JAMES H., CAMPBELL, ERNEST Q., and HENRY, ANDREW F.: Aggression and family structure. Vanderbilt University, Nashville, Tenn. (1956-59)
- GARN, S. M.: Research and malocclusion. *American Journal of Orthodontia*, 47:661-673, 1961. (Also acknowledges MH-1260).
- MH-1298 (R01) MOYER, KENNETH E.: Adrenal glands and emotional behavior. Carnegie Institute of Technology, Pittsburgh, Pa. (1956- )
- HALE, JOHN F.: On the interaction effect between early experience, later response to a terminal stressor, and the presence or absence of an intervening stressor. *Journal of Comparative and Physiological Psychology*, 57:451-452, 1964.
- KORN, JAMES H.: The effect of thyroid hormone and an antithyroid drug on the startle response of the rat. *Journal of Psychosomatic Research*, 9(4): 393-401, 1966.
- KORN, JAMES H., and MOYER, K. E.: The effects of pre-shock and handling on the startle response in the rat. *Psychonomic Science*, 2(9):409-410, 1965.
- MOYER, K. E.: Effect of adrenalectomy on anxiety motivated behavior. *Journal of Genetic Psychology*, 92:11-16, 1958.
- MOYER, K. E.: Effect of adrenalectomy on emotional elimination. *Journal of Genetic Psychology*, 92: 17-21, 1958.
- MOYER, K. E.: A jumping box for cats. *Journal of Genetic Psychology*, 101:21-24, 1962.
- MOYER, K. E.: Startle response: Habituation on trials and days, and sex and strain differences. *Journal of Comparative and Physiological Psychology*, 56:863-865, 1963.
- MOYER, K. E.: Effect of prolonged shock stress on timidity and emotional elimination in the rat. *Journal of Genetic Psychology*, 102:37-43, 1963.
- MOYER, K. E.: Effect of experience with emotion provoking stimuli on water consumption in the rat. *Psychonomic Science*, 2(9):251-252, 1965.
- MOYER, K. E., and BAENNINGER, R.: Effect of environmental change and electric shock on water consumption in the rat. *Psychological Reports*, 13:179-185, 1963.
- MOYER, K. E., and BEHN, R. T.: Effect of adrenalectomy on food, water, and saltwater consumption in the rat: A methodological study. *Journal of Genetic Psychology*, 104:297-300, 1964.
- MOYER, K. E., and BUNNELL, B. N.: Effect of injected adrenalin on an avoidance response in the rat. *Journal of Genetic Psychology*, 92:247-251, 1958.
- MOYER, K. E., and BUNNELL, B. N.: Effect of adrenal demedullation on an avoidance response in the rat. *Journal of Comparative and Physiological Psychology*, 52:215-216, 1959.
- MOYER, K. E., and BUNNELL, B. N.: Effect of exogenous adrenalin on the startle response of the rat. *Journal of Genetic Psychology*, 95:255-259, 1959.
- MOYER, K. E., and BUNNELL, B. N.: Effect of adrenal demedullation, operative stress, and noise stress on emotional elimination. *Journal of Genetic Psychology*, 96:375-382, 1960.

- MOYER, K. E., and BUNNELL, B. N.: Relationship between emotional elimination, startle response, and blood count after stress. *Journal of Genetic Psychology*, 97:237-243, 1960.
- MOYER, K. E., and BUNNELL, B. N.: Effect of adrenal demedullation on the startle response in the rat. *Journal of Genetic Psychology*, 97:341-344, 1960.
- MOYER, K. E., and CHAPMAN, J. A.: Effect of continuous vs. discontinuous shock on shuttle box avoidance in the rat. *Psychonomic Science*, 4(5): 197-198, 1966.
- MOYER, K. E., and KORN, J. H.: Effect of UCS intensity on the acquisition and extinction of an avoidance response. *Journal of Experimental Psychology*, 67:352-359, 1964.
- MOYER, K. E., and KORN, JAMES H.: Effect of adrenalectomy and adrenal demedullation on the retention of an avoidance response in the rat. *Psychonomic Science*, 2:77-78, 1965.
- MOYER, K. E., and KORN, JAMES H.: Behavioral effects of isolation in the rat. *Psychonomic Science*, 3(11):503-504, 1965.
- MOYER, K. E., and KORN, JAMES H.: Effect of UCS intensity on the acquisition and extinction of a one-way avoidance response. *Psychonomic Science*, 4(3):121-122, 1966.
- MOYER, K. E., and MOSHEIN, PETER: Effect of adrenalectomy on the attenuation of a conditioned avoidance response by ECS in the rat. *Journal of Comparative and Physiological Psychology*, 56: 163-166, 1963.
- MH-1300 (R01) ELMADJIAN, FRED: Aldosterone excretion in behavioral disorders. Worcester Foundation for Experimental Biology, Shrewsbury, Mass. (1956-58)
- ELMADJIAN, F.: Aldosterone excretion in behavioral disorders. In: Korey, S. R., Pope, A., and Robins, E., eds. *Ultrastructure and metabolism of the nervous system*. Vol. 40. Baltimore, Williams & Wilkins, 1962, p. 414-419.
- ELMADJIAN, F., LAMSON, E. T., and HOPE, J. M.: Aldosterone excretion in anxiety states. In: Performance capacity—a symposium. Quartermaster Food and Container Institute for the Armed Forces. Washington, D.C., National Academy of Sciences, National Research Council, 1961, p. 217-225.
- ELMADJIAN, F., LAMSON, E. T., MASCHOFF, C., and GIBREE, N.: Aldosterone excretion in behavioral disorders, First International Congress of Endocrinology, Copenhagen. *Periodica*, p. 175, 1960.
- MH-1301 (R01) WENKERT, ERNEST: Bioactive indole compounds. Iowa State University, Ames, Iowa. (1965-61) (Continued as MH-5815).
- WENKERT, E., ADAMS, K. A. H., and LEICHT, C.: Self-condensation of methyl propiolate. *Canadian Journal of Chemistry*, 41:1844-1846, 1963. (Also MH-5815).
- WENKERT, E., BERNSTEIN, B. S., and UDELHOFEN, J. H.: A novel conversion of derivatives of oxindoles to indoles. *Journal of the American Chemical Society*, 80:4899-4903, 1958.
- WENKERT, E., and BLOSSEY, E.: Derivatives of oxindole. *Journal of Organic Chemistry*, 27: 4656-4659, 1962. (Also acknowledges MH-5815).
- WENKERT, E., and BRINGI, N. V.: The absolute configuration of some indole alkaloids. *Journal of the American Chemical Society*, 80:3484, 1958.
- WENKERT, E., and BRINGI, N. V.: A new procedure for forming carbon-carbon bonds. *Journal of the American Chemical Society*, 80:5575-5576, 1958.
- WENKERT, E., and BRINGI, N. V.: A stereochemical interpretation of the biosynthesis of indole alkaloids. *Journal of the American Chemical Society*, 81:1474-1481, 1959.
- WENKERT, E., GARRATT, S., and DAVE, K. G.: The quibachamine model. *Canadian Journal of Chemistry*, 42:489-490, 1961. (Also acknowledges MH-5815).
- WENKERT, E., and KILZER, J.: A flavopereirine synthesis. *Journal of Organic Chemistry*, 27:2283-2284, 1962. (Also acknowledges MH-5815).
- WENKERT, E., ORR, J. C., GARRATT, S., HANSEN, J., WICKBERG, B., and LEICHT, C.: Gelsedine. *Journal of Organic Chemistry*, 27:4123-4124, 1962. (Also acknowledges MH-5815).
- WENKERT, E., ROBB, E. W., and BRINGI, N. V.: The stereochemical interrelationship of the yohimbine-type alkaloids. *Journal of the American Chemical Society*, 79:6570-6571, 1957.
- WENKERT, E., and ROYCHAUDHURI, D. K.: The C-3 configuration of certain indole alkaloids. *Journal of the American Chemical Society*, 77: 6417, 1956.
- WENKERT, E., and ROYCHAUDHURI, D. K.: A general method of determination of the stereochemistry of certain indole alkaloids: The stereoconfiguration of serpentine and alstonine. *Journal of the American Chemical Society*, 79:1519-1520, 1957.
- WENKERT, E., and ROYCHAUDHURI, D. K.: Oxidation-reduction studies in the realm of indole alkaloids. *Journal of the American Chemical Society*, 80:1613-1619, 1958.
- WENKERT, E., and WICKBERG, B.: General methods of synthesis of indole alkaloids: A flavopereirine synthesis. *Journal of the American Chemical Society*, 84:4914-4919, 1962. (Also acknowledges MH-5815).

- WENKERT, E., WICKBERG, B., and LEICHT, C.: The stereochemistry of ajmalicine and tetrahydroalstonine. *Journal of the American Chemical Society*, 83:5037, 1961. (Also acknowledges MH-5815).
- WENKERT, E., WICKBERG, B., and LEICHT, C.: The stereochemistry of mayumbine and structurally related oxindole alkaloids. *Tetrahedron Letters*, 22: 822-826, 1961. (Also acknowledges MH-5815).
- MH-1305 (R01) GOLDENBERG, HARRY, and GOLDENBERG, VIVIAN: Trace alkaloid metabolism in mental disease. Hillside Hospital, Glen Oaks, N.Y. (1956-61)
- FISHMAN, V., and GOLDENBERG, H.: Metabolism of chlorpromazine: Organic extractable fraction from human urine. *Proceedings of the Society for Experimental Biology and Medicine*, 104:99-103, 1960.
- FISHMAN, V., and GOLDENBERG, H.: Identification of a new metabolite of imipramine. *Proceedings of the Society for Experimental Biology and Medicine*, 110:187-190, 1962. (Also acknowledges MH-4543).
- FISHMAN, V., HEATON, A., and GOLDENBERG, H.: Metabolism of chlorpromazine. III. Isolation and identification of chlorpromazine-n-oxide. *Proceedings of the Society for Experimental Biology and Medicine*, 109:548-552, 1962. (Also acknowledges MH-3929 and MH-4543).
- GOLDENBERG, H.: Comments concerning inhibition of serum cholinesterase by mental drugs. *Annals of the New York Academy of Science*, 66:466, 1957.
- GOLDENBERG, H.: Rectification of nonlinear enzyme activity curves: A general kinetic treatment, with practical applications for laboratory use. (Abstract) *Clinical Chemistry*, 7(4):309, 1961.
- GOLDENBERG, HARRY, and FISHMAN, VIVIAN: Species dependence of chlorpromazine metabolism. *Proceedings of the Society for Experimental Biology and Medicine*, 108:178-182, 1961. (Also acknowledges MH-3929; MH-2938 and MH-2461).
- GOLDENBERG, HARRY, FISHMAN, VIVIAN, WHITTIER, JOHN, and BRINTZER, WALTER: Urinary aromatic excretion patterns in schizophrenia. *Archives of General Psychiatry*, 2:221-230, 1960.
- GOLDENBERG, H., and GOLDENBERG, V.: Inhibition of serum cholinesterase by lysergic acid derivatives. Submicro detection of LSD. *Journal of the Hillside Hospital*, 5:246, 1956.
- MH-1306 (R01) COPPOCK, HAROLD W.: Retraining after barbiturates and chemotherapy. New Mexico Highlands University, Las Vegas, N.M. (1956-57) (Continued as MH-2006).
- COPPOCK, H. W.: Phenobarbital improves retention and impairs reversal learning of shock escape in the rat. *Psychological Record*, 12:367-372, 1962.
- COPPOCK, H. W., HUARD, D. V., and MUEKS, W. A.: Drug effects on escape training related to delay of reinforcement, analgetic, and genetic factors. (Abstract) *American Psychologist*, 13:400, 1958.
- FRAM, J., and COPPOCK, H. W.: Delay of reinforcement in shock escape training of rats. (Abstract) *American Psychologist*, 12:455, 1957.
- MALONEY, W. M., and COPPOCK, H. W.: Sub-anesthetic as well as tranquilizing drugs prolong negative transfer during shock escape training. (Abstract) *American Psychologist*, 12:435, 1957.
- MH-1308 (R01) STAFFORD, JOHN W.: Development of a behavior checklist for psychotics. Catholic University of America, Washington, D.C. (1956-59)
- LORR, MAURICE, and O'CONNOR, JAMES P.: Psychotic symptom patterns in a behavior inventory. *Educational and Psychological Measurement*, 22: 139-146, 1962. (Also acknowledges MH-3262).
- LORR, MAURICE, O'CONNOR, JAMES P., and STAFFORD, JOHN W.: The psychotic reaction profile. *Journal of Clinical Psychology*, 16(3):241-245, 1960. (Also acknowledges MH-3262).
- LORR, MAURICE, O'CONNOR, JAMES P., and STAFFORD, JOHN W.: The psychotic reaction profile (PRP). An inventory of patient behavior for use by hospital personnel. Beverly Hills, Calif., Western Psychological Services, 1961, 4 p.
- MH-1316 (R01) FISHER, ALAN E.: Chemical stimulation of local brain areas. University of Wisconsin, Madison, Wisc. (1956-57) (Continued as MH-1951).
- FISHER, ALAN E.: Reticular formation and endocrine activity: Discussion. In: Jasper, H., ed. *Reticular formation of the brain*. Henry Ford Hospital International Symposium. London, Churchill, 1959, p. 252-254.
- FISHER, ALAN E.: Effects of stimulus variation on sexual satiation in the male rat. *Journal of Comparative and Physiological Psychology*, 55:614-620, 1962. (Also acknowledges MH-1951).
- MH-1319 (R01) BOWMAN, PAUL H., and LIDDEB, GORDON P.: Delinquency and slow learning in school. University of Chicago, Chicago, Ill. (1956-58)
- BOWMAN, PAUL H.: Effects of a revised school program on potential delinquents. *Annals of the American Academy of Political and Social Science*, 322:53-61, 1959.



- BOWMAN, PAUL H., and PELLMAN, MAURINE: Socially underprivileged youth and the schools. *High School Journal* (Univ. of North Carolina), 41(8):331-335, 1958.
- LIDDLE, GORDON, and LONG, DALE: Experimental room for slow learners in the primary grades. *Elementary School Journal*, 59(3):143-149, 1958.
- PELLMANN, MAURINE, and LIDDLE, GORDON P.: A program for the problem child. *Psi Delta Kappa*, January:174-178, 1959.
- MH-1322 (R01) HOAGLAND, HUDSON: Phosphate metabolism, schizophrenia and LSD treatment. Worcester Foundation for Experimental Biology, Shrewsbury, Mass. (1956-59)
- BERGEN, J. R., KRUS, D. M., and PINCUS, G. G.: Suppression of LSD-25 effects in rats by steroids. *Proceedings of the Society for Experimental Biology and Medicine*, 105:254, 1960. (Also acknowledges MH-2262).
- BERGEN, J. R., PENNELL, R. B., FREEMAN, H., and HOAGLAND, H.: Rat behavior changes in response to a blood factor from normal and psychotic persons. *A. M. A. Archives of Neurology*, 2: 146-150, 1960.
- BERGEN, J. R., PENNELL, R. B., HOAGLAND, H., and FREEMAN, H.: Behavior changes in rats produced by a human blood factor. (Abstract) *Federation Proceedings*, 18(1)Part 1:10, 1959.
- BERGEN, J. R., and PINCUS, G.: Steroid suppression of LSD induced behavior changes in rats. (Abstract) *Federation Proceedings*, 19(1):20, 1960.
- MH-1323 (R01) GILL, MERTON M., and LEARY, TIMOTHY: Measures of the psychotherapeutic process. Kaiser Foundation Research Institute, Oakland, Calif. (1956-58)
- LEARY, TIMOTHY, and GILL, MERTON: The dimensions and measure of the process of psychotherapy: A system for the analysis of the content of clinical evaluations and patient-therapist verbalizations. In: Strupp, H. H., and Lubersky, L., eds. *Research in psychotherapy*. Washington, D.C., American Psychological Association, 1959, p. 62-95.
- MH-1324 (R01) BRUNER, JEROME S.: Cognitive processes in learning blocks. Harvard University, Cambridge, Mass. (1956-61)
- BRUNER, J. S.: 'On perceptual readiness. *Psychological Review*, 64:123-152, 1957.
- BRUNER, J. S.: 'Neural mechanisms in perception. *Psychological Review*, 64:340-358, 1957.
- BRUNER, J. S.: Learning and thinking. *Harvard Educational Review*, 29(3):184-192, 1959.
- BRUNER, J. S.: The process of education. Cambridge, Mass., Harvard University Press, 1960.
- BRUNER, J. S.: Affrontement et defense. *Journal de Psychologie*, 1:33-56, 1961.
- BRUNER, J. S., and OLVER, ROSE R.: The development of equivalence transformations in children. In: Wright, J. C., and Kagan, J., eds. *Basic cognitive processes in children*. Monograph, Society for Research in Child Development, 1963, No. 1.
- BRUNER, J. S., and TAJFEL, H.: Cognitive risk and environmental change. *Journal of Abnormal Social Psychology*, 62(2):231-241, 1961.
- DAVISON, GERALD C.: The negative effects of exposure to suboptimal visual stimuli. *Journal of Personality*, 32:278-295, 1964.
- MH-1326 (R03) DIXON, JAMES C.: The emergence of reality testing in children. University of Florida, Gainesville, Fla. (1956- )
- DIXON, J. C.: Reactions of superior and feeble-minded children to an illusion. *Journal of General Psychology*, 93:79-85, 1958.
- MH-1328 (R03) SIEGEL, SIDNEY: A decision-theory approach in personality research. Pennsylvania State University, University Park, Pa. (1956- )
- BECKER, S. W., and SIEGEL, S.: Utility of goal level of aspiration in a decision theory context. *Journal of Experimental Psychology*, 55:81-91, 1958. Also in: Messick, S., and Brayfield, A. H., eds. *Decision and choice: Contributions of Sidney Siegel*. New York, McGraw-Hill, 1964, p. 127-134.
- BECKER, S. W., and SIEGEL, S.: Utility and level of aspiration. *American Journal of Psychology*, 115-120, 1962.
- SIEGEL, S.: Level of aspiration and decision making. *Psychological Review*, 64:253-262, 1957. Also in: Messick, S., and Brayfield, A. H., eds. *Decision and choice: Contributions of Sidney Siegel*. New York, McGraw-Hill, 1964, p. 113-126.
- SIEGEL, S., and GOLDSTEIN, D. A.: Decision-making behavior in a two-choice uncertain outcome situation. *Journal of Experimental Psychology*, 37-42, 1959. Also in: Messick, S., and Brayfield, A. H., eds. *Decision and choice: Contributions of Sidney Siegel*. New York, McGraw-Hill, 1964, p. 161-169.
- MH-1329 (R03) BARE, JOHN K.: A detailed analysis of eating behavior. College of William Mary, Williamsburg, Va. (1956-57)
- BARE, JOHN K.: Hunger, deprivation and the night cycle. *Journal of Comparative and Physiological Psychology*, 52:129-131, 1959.

- MH-1330 (R03) BOGOCII, SAMUEL: Active pineal principle. Boston Psychopathic Hospital, Boston, Mass. (1956-57)
- BOGOCII, S.: Cerebrospinal fluid neurotransmitter acid deficiency in schizophrenia. A preliminary report. *American Journal of Psychiatry*, 114:172, 1957.
- BOGOCII, SAMUEL: Effect of special diet on hospitalized schizophrenic patients. *American Journal of Psychiatry*, 114:261-263, 1957. (Also acknowledges MH-1419).
- BOGOCII, S.: Effect of a synthetic diet low in aromatic amino acids on schizophrenic patients. *A. M. A. Archives of Neurology and Psychiatry*, 78:539-542, 1957. (Also acknowledges MH-1419).
- BOGOCII, S.: The structure and function of brain ganglioside. In: *Excerpta Medica*, 1st International Congress of Neurological Sciences, 1957, p. 54. (Also acknowledges MH-1419).
- BOGOCII, S.: Degradation of brain ganglioside to glucocerebroside. *Journal of the Chemical Society*, 79:3286, 1957.
- BOGOCII, S.: Structure of brain ganglioside. *Nature*, 180:197-198, 1957. (Also acknowledges MH-1419).
- BOGOCII, S.: Inhibition of viral hemagglutination by brain ganglioside. *Virology*, 4:458-466, 1957.
- BOGOCII, S.: Studies on the structure of brain ganglioside. *Biochemical Journal*, 68:319-326, 1958.
- MH-1332 (R03) VINTER, ROBERT D.: Exploratory study of institutional role relationships. University of Michigan, Ann Arbor, Mich. (1956- )
- VINTER, ROBERT D., and LIND, ROGER: Staff relationships and attitudes in a juvenile correctional institution. Ann Arbor, Mich., School of Social Work, University of Michigan, 1958, 61 p. (Lithograph)
- MH-1333 (R03) FOLK, G. EDGAR, JR.: Hypothalamic-acting drugs and temperature regulation. State University of Iowa, Iowa City, Iowa. (1956-57)
- FOLK, G. E., JR., and FOLK, MARY A.: Reserpine, chlorpromazine, and body temperature on hibernators and non-hibernators. (Abstract) *Anatomical Record*, 134(3):563-564, 1959.
- FOLK, G. E., JR., and FOLK, MARY A.: Reserpine, chlorpromazine, and heart rate of hibernators and non-hibernators. (Abstract) *Anatomical Record*, 134(3):563-564, 1959.
- FOLK, G. EDGAR, JR., FRANKEL, HARRY M., and FOLK, MARY A.: Reserpine, chlorpromazine, and physiological functions of mammals that hibernate. *Proceedings of the Iowa Academy of Science*, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 2681, 2682, 2683, 2684, 2685, 2686, 2687, 2688, 2689, 2690, 2691, 2692, 2693, 2694, 2695, 2696, 2697, 2698, 2699, 2700, 2701, 2702, 2703, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2711, 2712, 2713, 2714, 2715, 2716, 2717, 2718, 2719, 2720, 2721, 2722, 2723, 2724, 2725, 2726, 2727, 2728, 2729, 2730, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2739, 2740, 2741, 2742, 2743, 2744, 2745, 2746, 2747, 2748, 2749, 2750, 2751, 2752, 2753, 2754, 2755, 2756, 2757, 2758, 2759, 2760, 2761, 2762, 2763, 2764, 2765, 2766, 2767, 2768, 2769, 2770, 2771, 2772, 2773, 2774, 2775, 2776, 2777, 2778, 2779, 2780, 2781, 2782, 2783, 2784, 2785, 2786, 2787, 2788, 2789, 2790, 2791, 2792, 2793, 2794, 2795, 2796, 2797, 2798, 2799, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2865, 2866, 2867, 2868, 2869, 2870, 2871, 2872, 2873, 2874, 2875, 2876, 2877, 2878, 2879, 2880, 2881, 2882, 2883, 2884, 2885, 2886, 2887, 2888, 2889, 2890, 2891, 2892, 2893, 2894, 2895, 2896, 2897, 2898, 2899, 2900, 2901, 2902, 2903, 2904, 2905, 2906, 2907, 2908, 2909, 2910, 2911, 2912, 2913, 2914, 2915, 2916, 2917, 2918, 2919, 2920, 2921, 2922, 2923, 2924, 2925, 2926, 2927, 2928, 2929, 2930, 2931, 2932, 2933, 2934, 2935, 2936, 2937, 2938, 2939, 2940, 2941, 2942, 2943, 2944, 2945, 2946, 2947, 2948, 2949, 2950, 2951, 2952, 2953, 2954, 2955, 2956, 2957, 2958, 2959, 2960, 2961, 2962, 2963, 2964, 2965, 2966, 2967, 2968, 2969, 2970, 2971, 2972, 2973, 2974, 2975, 2976, 2977, 2978, 2979, 2980, 2981, 2982, 2983, 2984, 2985, 2986, 2987, 2988, 2989, 2990, 2991, 2992, 2993, 2994, 2995, 2996, 2997, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3035, 3036, 3037, 3038, 3039, 3040, 3041, 3042, 3043, 3044, 3045, 3046, 3047, 3048, 3049, 3050, 3051, 3052, 3053, 3054, 3055, 3056, 3057, 3058, 3059, 3060, 3061, 3062, 3063, 3064, 3065, 3066, 3067, 3068, 3069, 3070, 3071, 3072, 3073, 3074, 3075, 3076, 3077, 3078, 3079, 3080, 3081, 3082, 3083, 3084, 3085, 3086, 3087, 3088, 3089, 3090, 3091, 3092, 3093, 3094, 3095, 3096, 3097, 3098, 3099, 3100, 3101, 3102, 3103, 3104, 3105, 3106, 3107, 3108, 3109, 3110, 3111, 3112, 3113, 3114, 3115, 3116, 3117, 3118, 3119, 3120, 3121, 3122, 3123, 3124, 3125, 3126, 3127, 3128, 3129, 3130, 3131, 3132, 3133, 3134, 3135, 3136, 3137, 3138, 3139, 3140, 3141, 3142, 3143, 3144, 3145, 3146, 3147, 3148, 3149, 3150, 3151, 3152, 3153, 3154, 3155, 3156, 3157, 3158, 3159, 3160, 3161, 3162, 3163, 3164, 3165, 3166, 3167, 3168, 3169, 3170, 3171, 3172, 3173, 3174, 3175, 3176, 3177, 3178, 3179, 3180, 3181, 3182, 3183, 3184, 3185, 3186, 3187, 3188, 3189, 3190, 3191, 3192, 3193, 3194, 3195, 3196, 3197, 3198, 3199, 3200, 3201, 3202, 3203, 3204, 3205, 3206, 3207, 3208, 3209, 3210, 3211, 3212, 3213, 3214, 3215, 3216, 3217, 3218, 3219, 3220, 3221, 3222, 3223, 3224, 3225, 3226, 3227, 3228, 3229, 3230, 3231, 3232, 3233, 3234, 3235, 3236, 3237, 3238, 3239, 3240, 3241, 3242, 3243, 3244, 3245, 3246, 3247, 3248, 3249, 3250, 3251, 3252, 3253, 3254, 3255, 3256, 3257, 3258, 3259, 3260, 3261, 3262, 3263, 3264, 3265, 3266, 3267, 3268, 3269, 3270, 3271, 3272, 3273, 3274, 3275, 3276, 3277, 3278, 3279, 3280, 3281, 3282, 3283, 3284, 3285, 3286, 3287, 3288, 3289, 3290, 3291, 3292, 3293, 3294, 3295, 3296, 3297, 3298, 3299, 3300, 3301, 3302, 3303, 3304, 3305, 3306, 3307, 3308, 3309, 3310, 3311, 3312, 3313, 3314, 3315, 3316, 3317, 3318, 3319, 3320, 3321, 3322, 3323, 3324, 3325, 3326, 3327, 3328, 3329, 3330, 3331, 3332, 3333, 3334, 3335, 3336, 3337, 3338, 3339, 3340, 3341, 3342, 3343, 3344, 3345, 3346, 3347, 3348, 3349, 3350, 3351, 3352, 3353, 3354, 3355, 3356, 3357, 3358, 3359, 3360, 3361, 3362, 3363, 3364, 3365, 3366, 3367, 3368, 3369, 3370, 3371, 3372, 3373, 3374, 3375, 3376, 3377, 3378, 3379, 3380, 3381, 3382, 3383, 3384, 3385, 3386, 3387, 3388, 3389, 3390, 3391, 3392, 3393, 3394, 3395, 3396, 3397, 3398, 3399, 3400, 3401, 3402, 3403, 3404, 3405, 3406, 3407, 3408, 3409, 3410, 3411, 3412, 3413, 3414, 3415, 3416, 3417, 3418, 3419, 3420, 3421, 3422, 3423, 3424, 3425, 3426, 3427, 3428, 3429, 3430, 3431, 3432, 3433, 3434, 3435, 3436, 3437, 3438, 3439, 3440, 3441, 3442, 3443, 3444, 3445, 3446, 3447, 3448, 3449, 3450, 3451, 3452, 3453, 3454, 3455, 3456, 3457, 3458, 3459, 3460, 3461, 3462, 3463, 3464, 3465, 3466, 3467, 3468, 3469, 3470, 3471, 3472, 3473, 3474, 3475, 3476, 3477, 3478, 3479, 3480, 3481, 3482, 3483, 3484, 3485, 3486, 3487, 3488, 3489, 3490, 3491, 3492, 3493, 3494, 3495, 3496, 3497, 3498, 3499, 3500, 3501, 3502, 3503, 3504, 3505, 3506, 3507, 3508, 3509, 3510, 3511, 3512, 3513, 3514, 3515, 3516, 3517, 3518, 3519, 3520, 3521, 3522, 3523, 3524, 3525, 3526, 3527, 3528, 3529, 3530, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3538, 3539, 3540, 3541, 3542, 3543, 3544, 3545, 3546, 3547, 3548, 3549, 3550, 3551, 3552, 3553, 3554, 3555, 3556, 3557, 3558, 3559, 3560, 3561, 3562, 3563, 3564, 3565, 3566, 3567, 3568, 3569, 3570, 3571, 3572, 3573, 3574, 3575, 3576, 3577, 3578, 3579, 3580, 3581, 3582, 3583, 3584, 3585, 3586, 3587, 3588, 3589, 3590, 3591, 3592, 3593, 3594, 3595, 3596, 3597, 3598, 3599, 3600, 3601, 3602, 3603, 3604, 3605, 3606, 3607, 3608, 3609, 3610, 3611, 3612, 3613, 3614, 3615, 3616, 3617, 3618, 3619, 3620, 3621, 3622, 3623, 3624, 3625, 3626, 3627, 3628, 3629, 3630, 3631, 3632, 3633, 3634, 3635, 3636, 3637, 3638, 3639, 3640, 3641, 3642, 3643, 3644, 3645, 3646, 3647, 3648, 3649, 3650, 3651, 3652, 3653, 3654, 3655, 3656, 3657, 3658, 3659, 3660, 3661, 3662, 3663, 3664, 3665, 3666, 3667, 3668, 3669, 3670, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3680, 3681, 3682, 3683, 3684, 3685, 3686, 3687, 3688, 3689, 3690, 3691, 3692, 3693, 3694, 3695, 3696, 3697, 3698, 3699, 3700, 3701, 3702, 3703, 3704, 3705, 3706, 3707, 3708, 3709, 3710, 3711, 3712, 3713, 3714, 3715, 3716, 3717, 3718, 3719, 3720, 3721, 3722, 3723, 3724, 3725, 3726, 3727, 3728, 3729, 3730, 3731, 3732, 3733, 3734, 3735, 3736, 3737, 3738, 3739, 3740, 3741, 3742, 3743, 3744, 3745, 3746, 3747, 3748, 3749, 3750, 3751, 3752, 3753, 3754, 3755, 3756, 3757, 3758, 3759, 3760, 3761, 3762, 3763, 3764, 3765, 3766, 3767, 3768, 3769, 3770, 3771, 3772, 3773, 3774, 3775, 3776, 3777, 3778, 3779, 3780, 3781, 3782, 3783, 3784, 3785, 3786, 3787, 3788, 3789, 3790, 3791, 3792, 3793, 3794, 3795, 3796, 3797, 3798, 3799, 3800, 3801, 3802, 3803, 3804, 3805, 3806, 3807, 3808, 3809, 3810, 3811, 3812, 3813, 3814, 3815, 3816, 3817, 3818, 3819, 3820, 3821, 3822, 3823, 3824, 3825, 3826, 3827, 3828, 3829, 3830, 3831, 3832, 3833, 3834, 3835, 3836, 3837, 3838, 3839, 3840, 3841, 3842, 3843, 3844, 3845, 3846, 3847, 3848, 3849, 3850, 3851, 3852, 3853, 3854, 3855, 3856, 3857, 3858, 3859, 3860, 3861, 3862, 3863, 3864, 3865, 3866

- MH-1344 (R03) LAMBERT, WILLIAM W.: Factor analysis of meaning using Greek subjects. Cornell University, Ithaca, N.Y. (1956- )
- TRIANDIS, HARRY C., and LAMBERT, W. W.: A restatement and test of Schlosberg's theory of emotion with two kinds of subjects from Greece. *Journal of Abnormal and Social Psychology*, 56: 321-328, 1958.
- TRIANDIS, HARRY C., and OSGOOD, CHARLES E.: A comparative factorial analysis of semantic structures in monolingual Greek and American college students. *Journal of Abnormal and Social Psychology*, 57:187-196, 1958.
- MH-1348 (R03) WYCKOFF, L. BENJAMIN, JR.: An experimental study of secondary reinforcement. University of Wisconsin, Madison, Wisc. (1956-57)
- WYCKOFF, L. B.: Toward a quantitative theory of secondary reinforcement. *Psychological Review*, 66(1):68-78, 1959.
- WYCKOFF, L. B., SIDOWSKI, J., and CHAMBLISS, D.: An experimental study of the relationship between secondary reinforcing and cue effects of a stimulus. *Journal of Comparative and Physiological Psychology*, 51(1):103-109, 1958.
- 4MH-1349 (R03) BANDURA, ALBERT: Child rearing patterns and adolescent disorders. Stanford University, Stanford, Calif. (1956-57)
- BANDURA, ALBERT: Child-rearing patterns associated with adolescent aggressive disorders. In: Physical and behavioral growth. Symposium held at San Francisco, Oct. 30-31, 1957. Columbus, Ohio, Ross Laboratories, 1958, p. 92-102.
- BANDURA, ALBERT, and WALTERS, RICHARD H.: Dependency conflicts in aggressive delinquents. *Journal of Social Issues*, 14(3):52-65, 1958.
- BANDURA, ALBERT, and WALTERS, RICHARD H.: Adolescent aggression. A study of the influence of child-training practices and family interrelationships. New York, Ronald, 1959, 475 p.
- MH-1350 (R01) GANTT, W. HORSLEY, and CHOW, BACON: Vitamin deficiencies on adaptation and learning. Johns Hopkins University, Baltimore, Md. (1956-61)
- GANTT, W. HORSLEY: Effect of B complex vitamin on conditional reflexes in dogs. *American Journal of Clinical Nutrition*, 5:121-124, 1957.
- GANTT, W. HORSLEY: Food acceptance in monkeys. (Discussion) In: Wortis, J., ed. *Recent advances in biological psychiatry*. New York, Grune & Stratton, 1961, p. 235-236.
- GANTT, W. HORSLEY, CHOW, BACON, and SIMONSON, MARIA: Effect of vitamin deficiency on behavior in rats. (Abstract) *Federation Proceedings*, 17:51, 1958.
- GANTT, W. HORSLEY, CHOW, BACON, and SIMONSON, MARIA: Effect of pyridoxine and pantothenic acid deficiency on conditional reflexes. *American Journal of Clinical Nutrition*, 7:411-415, 1959.
- GANTT, W. HORSLEY, CHOW, BACON, and SIMONSON, MARIA: Pyridoxin deficiency. International Physiological Congress, Buenos Aires, Argentina, August 1959.
- GANTT, W. HORSLEY, SLADEN, WILLIAM S., and SIMONSON, MARIA: Cardiac and motor conditional reflex to food in Penguin. (Abstract) *Federation Proceedings*, 19(1)Part I:823, 1960.
- PRIGAL, SAMUEL J., FARMER, LAURENCE, WORTIS, JOSEPH, BAER, RUDOLPH L., and GANTT, W. HORSLEY: (Panel discussion). Allergy and psyche. *New York State Journal of Medicine*, 58: 534-547, 1958.
- TEITELBAUM, H. A., and GANTT, W. HORSLEY: Nutrition and fertility. In: Gantt, W. Horsley, ed. *Physiological bases of psychiatry*. Springfield, Ill., Charles C. Thomas, 1958, p. 207-222.
- MH-1351 (R01) WEISS, WALTER: Drive states and opinion change. Boston University, Boston, Mass. (1957-62)
- WEISS, W.: The relationship between judgments of a communicator's position and extent of opinion change. *Journal of Abnormal and Social Psychology*, 56:380-384, 1958.
- WEISS, W.: The effects on opinions of a change in scale judgments. *Journal of Abnormal and Social Psychology*, 58:329-334, 1959.
- WEISS, W.: Emotional arousal and attitude change. *Psychological Reports*, 6:267-280, 1960.
- WEISS, W.: The effects of a communication on attitude change and scale judgments. *Journal of Abnormal and Social Psychology*, 62:133-140, 1961.
- WEISS, W.: An examination of attitude toward Negroes. *Journal of Social Psychology*, 55:3-21, 1961.
- WEISS, W.: Effects of an extreme anchor on scale judgments and attitude. *Psychological Reports*, 8:377-382, 1961.
- WEISS, W.: Scale judgments of triplets of opinion statements. *Journal of Abnormal and Social Psychology*, 66:471-479, 1963.
- WEISS, W.: Role of the response system in a judgmental contrast effect. *Perceptual and Motor Skills*, 17:227-241, 1963.
- WEISS, W.: Influence on judgment of increasing asymmetry of stimulus series. *Perceptual and Motor Skills*, 17:371-376, 1963.

Effects of unbalanced response scales on  
of social stimuli. *Psychological Re-*  
13:414, 1963.

Effects of response scales on the ex-  
hibition of judgments of social stimuli.  
1 Reports, 13:411-414, 1963.

Effect of response system on develop-  
ments for end categories. *Psychologi-*  
13:543-546, 1963.

and HODGSON, D. A.: Influence of un-  
response scales on size judgments. *Jour-*  
13:37-46, 1963.

and HODGSON, D. A.: Influence of the  
scale on like-dislike judgments. *Psycho-*  
13:303-312, 1963.

and LIBERMAN, B.: The effects of "emo-  
tional" on the induction and change of  
Journal of Social Psychology, 50:129-

and TEN EYCK, P. H.: Effects on judg-  
ments in the response scale. *Psycho-*  
13:487-495, 1960.

and TEN EYCK, P. H.: Effect of shock  
judgments. *Psychological Report*, 9:135-

03) PIERRE, ROSEMARY: Instrumenta-  
tion gradients. Columbia University,  
N.Y. (1956-57)

ROSEMARY: A generalization gradient for  
intensity in the rat. *Journal of the Ex-*  
1:303-313, 1958.

03) SHEPARD, THOMAS H.: Establish-  
ment of correlation of indices in mongolism.  
of Washington, Seattle, Wash. (1956-

H., MCGHEAL, R., and HAMMER,  
son: Grading and intercorrelation of  
measurements. (Abstract) *A. M. A. Jour-*  
12:563, 1957.

03) ROSS, BRUCE M.: The resolution  
theory. Brown University, Providence, R.I.

M., and LEVY, NISSIM: Maturity of  
as an hypothesis with children and  
(Abstract) *American Psychologist*, 12:

M., and LEVY, NISSIM: Patterned pre-  
ference events by children and adults.  
1 Reports, 4(Monograph Suppl. No.  
1958.

01) WARREN, JOHN M.: Effect of  
abdomectomy on responses to stress. Stan-

ford University, Stanford, Calif. (1956-59)  
(Continued as MH-3396).

BOYD, B. O., and WARREN, J. M.: Solution of od-  
dity problems by cats. *Journal of Comparative*  
and *Physiological Psychology*, 50(3):258-260,  
1957. (Also acknowledges MH-835).

BRAMEL, DANA, and WARREN, J. M.: Retention of  
discrimination habits by cats. *Journal of Genetic*  
*Psychology*, 96:241-244, 1960. (Also acknowl-  
edges MH-835 and MH-3396).

CRONHOLM, J. N., WARREN, J. M., and HARA,  
KAZUO: Distribution of training and reversal  
learning by cats. *Journal of Genetic Psychology*,  
96:105-113, 1960. (Also acknowledges MH-  
835 and MH-3396).

FORWARD, EDNA, WARREN, J. M., and HARA,  
KAZUO: The effects of unilateral lesions in sen-  
sory-motor cortex on manipulation by cats. *Journal*  
of *Comparative and Physiological Psychology*, 55  
(5):1130-1135, 1962. (Also acknowledges MH-  
1895 and MH-3396).

HARA, KAZUO: Visual defects resulting from foveal  
cortical lesions in cats. *Journal of Compar-*  
ative and *Physiological Psychology*, 55(3):293-  
298, 1962. (Also acknowledges MH-3396 and  
MH-1895).

HARA, KAZUO, and WARREN, J. M.: Stimulus ad-  
ditivity and dominance in discrimination perform-  
ance by cats. *Journal of Comparative and Physi-*  
ological *Psychology*, 54(1):86-90, 1961. (Also  
acknowledges MH-835 and MH-3396).

HARA, KAZUO, and WARREN, J. M.: Equivalence  
reactions by normal and brain-injured cats. *Jour-*  
nal of *Comparative and Physiological Psychology*,  
54(1):91-93, 1961. (Also acknowledges MH-  
835 and MH-3396).

JOSHI, BHUVAN LAL, and WARREN, J. M.: Dis-  
crimination of ambivalent cue stimuli by cats.  
*Journal of Psychology*, 47:3-7, 1959. (Also ac-  
knowledges MH-835 and MH-3396).

MARONBY, R. J., WARREN, J. M., and SINHA, M.  
M.: Stability of social dominance hierarchies in  
monkeys (*Macaca Mulatta*). *Journal of Social*  
*Psychology*, 50:285-293, 1959. (Also acknowl-  
edges MH-835 and MH-3396).

STEWART, C. N., and WARREN, J. M.: The behavior  
of cats on the double-alternation problem. *Jour-*  
nal of *Comparative and Physiological Psychology*,  
50(1):26-28, 1957. (Also acknowledges MH-  
835).

WARREN, J. M.: Effects of satiation on food prefer-  
ences in monkeys. *Journal of Genetic Psychology*,  
93:33-36, 1958. (Also acknowledges MH-835).

WARREN, J. M.: The development of paw prefer-  
ences in cats and monkeys. *Journal of Genetic*  
*Psychology*, 93:229-236, 1958. (Also acknowl-  
edges MH-835).

- WARREN, J. M.: Solution of object and positional discriminations by rhesus monkeys. *Journal of Comparative and Physiological Psychology*, 52(1): 92-93, 1959. (Also acknowledges MH-835 and MH-3396).
- WARREN, J. M.: Stimulus perservation in discrimination learning by cats. *Journal of Comparative and Physiological Psychology*, 52(1):99-101, 1959. (Also acknowledges MH-835 and MH-3396).
- WARREN, J. M.: Oddity learning set in a cat. *Journal of Comparative and Physiological Psychology*, 53(4):433-434, 1960. (Also acknowledges MH-835 and MH-3396).
- WARREN, J. M.: Supplementary report: Effectiveness of food and nonfood signs in reversal learning by monkeys. *Journal of Experimental Psychology*, 60(4):263-264, 1960. (Also acknowledges MH-835 and MH-3396).
- WARREN, J. M.: Discrimination reversal learning by cats. *Journal of Genetic Psychology*, 97:317-327, 1960. (Also acknowledges MH-835 and MH-3396).
- WARREN, J. M.: Solution of sign-differentiated object and positional discriminations by rhesus monkeys. *Journal of Genetic Psychology*, 96:365-369, 1960. (Also acknowledges MH-835 and MH-3396).
- WARREN, J. M.: Individual differences in discrimination learning by cats. *Journal of Genetic Psychology*, 98:89-93, 1961. (Also acknowledges MH-835 and MH-3396).
- WARREN, J. M.: The behavior of carnivores and primates with lesion in the prefrontal cortex. In: Warren, J. M., and Akert, K., eds. *The frontal granular cortex and behavior*. New York, McGraw-Hill, 1964, p. 168-191. (Also acknowledges MH-3396 and MH-4726).
- WARREN, J. M., and AKERT, K.: Impaired problem solving by cats with thalamic lesions. *Journal of Comparative and Physiological Psychology*, 53(2): 207-211, 1960. (Also acknowledges MH-1895).
- WARREN, J. M., and BARON, ALAN: The formation of learning sets by cats. *Journal of Comparative and Physiological Psychology*, 49(3):227-231, 1956. (Also acknowledges MH-835).
- WARREN, J. M., and KIMBALL, H.: Transfer relations in discrimination learning by cats. *Journal of Comparative and Physiological Psychology*, 52(3):336-338, 1959. (Also acknowledges MH-835 and MH-3396).
- WARREN, J. M., and MARONEY, R. J.: Competitive social interaction between monkeys. *Journal of Social Psychology*, 48:223-233, 1958. (Also acknowledges MH-835).
- WARREN, J. M., and SINHA, M. M.: Effect of differential reinforcement on size preferences in cats. *Perceptual and Motor Skills*, 7:17-22, 1957. (Also acknowledges MH-835).
- WARREN, J. M., and SINHA, M. M.: Interactions between learning sets in monkeys. *Journal of Genetic Psychology*, 95:19-25, 1959. (Also acknowledges MH-835 and MH-3396).
- WARREN, J. M., and WARREN, H. B.: Interspecies differences in learning by carnivores? *Perceptual and Motor Skills*, 9:346, 1959. (Also acknowledges MH-835 and MH-3396).
- WARREN, J. M., and WARREN, HELEN B.: Reversal learning by horse and raccoon. *Journal of Genetic Psychology*, 100:215-320, 1962. (Also acknowledges MH-835 and MH-3396).
- WARREN, J. M., WARREN, HELEN B., and AKERT, K.: Umweg learning by cats with lesions in the prefrontal cortex. *Journal of Comparative and Physiological Psychology*, 54(6):629-632, 1961. (Also acknowledges MH-835 and MH-3396).
- WARREN, J. M., WARREN, HELEN B., and AKERT, KONRAD: Orbitofrontal cortical lesions and learning in cats. *Journal of Comparative Neurology*, 118(1):17-42, 1962. (Also acknowledges MH-835 and MH-3396).
- YAMAGUCHI, SHUN-ICHI, and WARREN, J. M.: Single versus double alternation learning by cats. *Journal of Comparative and Physiological Psychology*, 54(5):533-538, 1961. (Also acknowledges MH-835 and MH-3396).
- YAMAGUCHI, S., WARREN, J. M., and HARA, K.: Alternation and delayed alternation by cats with premotor lesions. *Journal of Comparative and Physiological Psychology*, 56:824-828, 1963. (Also acknowledges MH-1895).
- MH-1365 (R01) BRAUN, HARRY W.: Stimulus generalization and chronological age. University of Pittsburgh, Pittsburgh, Pa. (1957-61)
- BRAUN, HARRY W., and GEISELHART, RICHARD: Age differences in the acquisition and extinction of the conditioned eyelid response. *Journal of Experimental Psychology*, 57:386-388, 1959.
- MH-1366 (R03) BROWN, ROGER W.: The expressive use of speech intonation. Harvard University, Cambridge, Mass. (1956-57)
- BIRNBAUER, JAY S., KIDDER, JOHN D., and TAGUB, CECILIA E.: Programing reading from the teacher's point of view. *Programed Instruction*, 3(7): 1-2, 1964.
- BIRNBAUER, J. S., and LAWLER, JULIA: Token reinforcement for learning. *M. R. Journal*, 2(5): 275-279, 1964. (Also acknowledges MH-2232)
- MH-1369 (R01) ULETT, GEORGE A.: Effect of atropine on EEG. Washington University, St. Louis, Mo. (1957-58)

- FOX, S. S.: Facilitation of self-maintained sensory input by amphetamine in monkeys. *Journal of Comparative and Physiological Psychology*, 55: 438-444, 1962.
- FOX, S. S., and BENNETT, M. V.: Electrophysiology of caudal neurosecretory cells in skate and fluke. *General and Comparative Endocrinology*, 2:77-95, 1962.
- FOX, S. S., and O'BRIEN, J.: Caudate facilitation and inhibition of afferent information. *Science*, 137: 423-425, 1962.
- GERARD, R. W.: Summary chapter. In: Pennes, H. H., ed. *Psychopharmacology: Pharmacological effects on behavior*. New York, Hoeber-Harper, 1953, p. 333-353.
- GERARD, R. W.: The reticular formation; summary. In: *Proceedings of the Symposium on Reticular Formation of the Brain*. Henry Ford Hospital, Detroit, March, 1957.
- GERARD, R. W.: Anxiety and tension. *Bulletin of the New York Academy of Medicine*, 34:429-444, 1958.
- GERARD, R. W.: Final summary. In: Jasper, H. M., ed. *The reticular formation of the brain*. Boston, Little, Brown, 1958, p. 745-754.
- GERARD, R. W.: Material aspects of mental disease. *Diseases of the Nervous System, Monograph Supplement*, 20(Sect. II) (5):33-40, 1959.
- GERARD, R. W.: Neural mechanisms of behavior. *Brain and Nerve*, 13:40-48, 1961.
- GERARD, R. W.: Neural basis of memory. *Brain and Nerve* (Igaku Shoin Ltd., Tokyo, Japan), 13: 51-58, 1961.
- GERARD, R. W.: Neurons and neuroses. In: Simon, Alexander, Herbert, Charles C., and Straus, Ruth, eds. *The physiology of emotions*. Springfield, Illinois, Charles C. Thomas, 1961, p. 163-173.
- GERARD, R. W.: Fixation of experience. In: Delafresnaye, Alfred, ed. *Symposium on brain mechanisms and learning*. Oxford, Eng., Blackwell Scientific Publications, 1961, p. 21-35.
- GERARD, R. W., and GEIGER, A.: Fuel for neural function. In: Gutmann, E., ed. *Symposium on nervous regulation of metabolism and active transport of ions*. Prague, Czechoslovak Academy of Science, 1958, p. 25-27.
- GOLLENDER, M.; LAW, O. T., and ISAACSON, R. L.: Changes in the circulating eosinophil level associated with learned fear: Conditioned eosinopenia. *Journal of Comparative and Physiological Psychology*, 53:520-523, 1960.
- KARINEN, P., and LAW, O. T.: Effects of subcortical stimulation on sexual behavior in the male and female rat. *American Psychologist*, 13:408, 1958.
- LAW, O. THOMAS, and MEAGHER, W.: Hypothalamic lesions and sexual behavior in the female rat. *Science*, 128:1626-1627, 1958.
- LAW, O. THOMAS, and O'MALLEY, R. J.: The dependence of sexual behavior on basal diencephalic structure in the female rat. (Abstract) *American Psychologist*, 1957.
- LAW, O. THOMAS, and WISE, H. W.: A multiple electrode carrier for chronic implantation in small animals. *Electroencephalography and Clinical Neurophysiology*, 10:749-751, 1958.
- LOUTTIT, R., and YUWILER, A.: Effects of phenylalanine diet on brain serotonin in the rat. *Science*, 134:831, 1961.
- MAYNARD, D. M.: Action of drugs on lobster cardiac ganglion. (Abstract) *Federation Proceedings*, 17:106, 1958.
- MAYNARD, EDITH A., and MAYNARD, D. M.: Cholinesterase in the crustacean muscle receptor organ. *Journal of Histochemistry and Cytochemistry*, 8: 376-379, 1960.
- RABE, A., and GERARD, R. W.: The influence of drugs on memory fixation time. *American Psychologist*, 14:423, 1959.
- RODIN, E. A.: A combination of EEG findings which correlate with psychiatric disturbances. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 9:379, 1957.
- RODIN, E. A.: The importance of differentiating petit mal from other forms of minor seizures. *Journal of the Michigan State Medical Society*, 56(10): 1289-1292, 1957.
- RODIN, E. A.: An electroencephalographic syndrome which correlates with severe disruption of the personality structure. *Neurology*, 7:724-731, 1957.
- RODIN, E. A.: Metrazol tolerance in "normal" volunteer population. An investigation of the potential significance of abnormal findings. *Electroencephalography and Clinical Neurophysiology*, 10:433-446, 1958.
- RODIN, E. A., and CALHOUN, H. D.: Correlations between the Bender Gestalt visual motor performance test and the electroencephalogram. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 10:364, 1958.
- RODIN, E. A., CALHOUN, H. D., and KELLY, L. E.: Electroencephalographic and clinical correlations of the Bender Gestalt test reproductions in children and adults. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 10:776, 1958.
- RODIN, E. A., DEJONG, R. N., WAGGONER, R. W., and BAGCHI, B. K.: Relationship between certain forms of psychomotor epilepsy and "schizophrenia." *A. M. A. Archives of Neurology and Psychiatry*, 77(5):449-463, 1957.

- RODIN, E. A., RUTLEDGE, L. T., and CALHOUN, H. D.: Megimide and metrazol. A comparison of their convulsive properties in man and cat. *Electroencephalography and Clinical Neurophysiology*, 10:710-723, 1958.
- MH-1383 (R01) CHRISTENSEN, JENS A.: Effect of drugs on brain metabolism. Hahnemann Medical College and Hospital, Philadelphia, Pa. (1957-60)
- CHRISTENSEN, JENSAN, and WASE, A.: The influence of stimulus deprivation and ataractic drugs on phospholipid metabolism in cerebral tissue. *Deutsche Pharmakologische Gesellschaft*, 25:15, 1959.
- CHRISTENSEN, J., and WASE, A.: Further studies of the effect of chlorpromazine on phospholipid synthesis. (Abstract) *Federation Proceedings*, 18(1): 204, 1959.
- CHRISTENSEN, J., and WASE, A.: Comparative studies of the effect of psychopharmacological substances on the incorporation of p32 orthophosphate into phospholipids. In: *Neuro-psychopharmacology*. Amsterdam, Elsevier, 1959.
- CHRISTENSEN, JENS, and WASE, A.: Chlorpromazine and C<sup>14</sup> acetate incorporation into fatty acids and cholesterol. *Federation Proceedings*, 19:228, 1960.
- MH-1386 (R01) HAGAMEN, WILBUR D.: Forebrain lesions and affective behavior. Cornell University, New York, N.Y. (1956- )
- BARRY, T. J., HAGAMEN, W. D., and SHERLOCK, J. E.: Microscope as a stereotaxic instrument for the rat. *Journal of Applied Physiology*, 18:445-446, 1963.
- GRODE, M., SEGRE, G., SPIVAK, J., and HAGAMEN, W.: Effects of central stimulation on evoked auditory potentials in the cat. (Abstract) *Federation Proceedings*, 22(2) Part I:678, 1963.
- HAGAMEN, W. D.: A discussion of sexual activity following frontal lobe lesions. In: Jasper, H., ed. *Reticular formation of the brain*. Henry Ford Hospital International Symposium. Boston, Mass., Little, Brown, 1958, p. 668-669.
- HAGAMEN, W. D.: Responses of cats to tactile and noxious stimuli: Temporal summation, facilitation, internal inhibition, and external inhibition, as examples of interaction between stimuli on a behavioral level. *A. M. A. Archives of Neurology*, 1:203-215, 1959.
- HAGAMEN, W. D., and BROOKS, D. C.: Sexual behavior of female cats following lesions of the ventromedial nucleus of the hypothalamus. (Abstract) *Anatomical Record*, 130:414, 1958.
- HAGAMEN, W. D., and LANCE, E. M.: Hypersexual activity in male cats following lesions of the frontal lobes. *Anatomical Record*, 130:414-415, 1958.
- HAGAMEN, W. D., and LANCE, E. M.: The responses of cats with unilateral lesions of the frontal lobes to rotation. (Abstract) *Anatomical Record*, 130:415, 1958.
- HAGAMEN, W. D., LANCE, E. M., and UNGEWITTER, L. H.: Increased responsiveness to stimuli following lesions of the forebrain. (Abstract) *Anatomical Record*, 133:387-388, 1959.
- HAGAMEN, W. D., and ZITZMANN, E. K.: "Hypersexual" activity in normal male cats. (Abstract) *Anatomical Record*, 133:388, 1959.
- HAGAMEN, W. D., ZITZMANN, E. K., and REEVES, A. G.: Sexual mounting of diverse objects in a group of randomly selected, unoperated male cats. *Journal of Comparative and Physiological Psychology*, 56:298-302, 1963.
- HAGAMEN, W. D., ZITZMANN, E. K., and UNGEWITTER, L. H.: Sexual activity of male cats following localized lesions of the frontal lobes. (Abstract) *Anatomical Record*, 133:388, 1959.
- LANCE, E. M., and HAGAMEN, W. D.: A correlation of sexual behavior with vaginal smears in cats with lesions of the frontal lobes or pyriform-mydaloid complex. (Abstract) *Anatomical Record*, 130:338, 1958.
- O'DONOHUE, N. E., and HAGAMEN, W. D.: A map of 3020 points tested in 15 cats for intracranial self-stimulation. (Abstract) *Federation Proceedings*, 25(2):207, 1966.
- REEVES, A. G., and HAGAMEN, W. D.: Preparation of nylon socket holders for use with permanently embedded electrodes in the cat. (Abstract) *Anatomical Record*, 136:344, 1960.
- REEVES, A. G., and HAGAMEN, W. D.: Behavioral and EEG asymmetry following unilateral lesions of midbrain and forebrain in cats. (Abstract) *Anatomical Record*, 142:271, 1962.
- SHERLOCK, JOEL, and HAGAMEN, W. D.: Pharmacological protection against the pulmonary hemorrhage and edema produced in rats by preoptic lesions. (Abstract) *Anatomical Record*, 145:285, 1963.
- MH-1388 (R01) GILBERT, WILLIAM M., and EWING, THOMAS N.: Diagnosis and predicted outcomes of counseling. University of Illinois, Urbana, Ill. (1957-58) (Continued from MH-1041).
- ENDLER, N. S.: Changes in meaning during psychotherapy as measured by the semantic differential. *Journal of Counseling Psychology*, 8:105-111, 1961. (Also acknowledges MH-1041).
- HUNT, J. McV.: Comments on evoking change in psychotherapy. In: Strupp, H. H., and Luborsky, L., eds. *Research in psychotherapy, II*. Washington, D.C., American Psychological Association,

- 1962, p. 293-295. (Also acknowledges MH-1041).
- HUNT, J. McV., EWING, T. N., LAFORGE, R., and GILBERT, W. M.: An integrated approach to research on therapeutic counseling with samples of results. *Journal of Counseling Psychology*, 6:46-54, 1959. (Also acknowledges MH-1041).
- LAFORGE, R.: Objective estimates of clinical judgments. *Journal of Consulting Psychology*, 25:360-361, 1961. (Also acknowledges MH-1041).
- LAFORGE, R.: A correlational study of two personality tests: The MMPI and Cattell 16PF. *Journal of Consulting Psychology*, 26:402-411, 1962. (Also acknowledges MH-1041).
- SCHROEDER, P.: Client acceptance of responsibility and difficulty of therapy. *Journal of Consulting Psychology*, 24:467-471, 1960. (Also acknowledges MH-1041).
- SHULMAN, R. E.: Use of the Rorschach prognostic rating scale in predicting movement in counseling. *Journal of Counseling Psychology*, 10:198-199, 1961. (Also acknowledges MH-1041).
- TODD, W. B., and EWING, T. N.: Changes in self reference during counseling. *Journal of Counseling Psychology*, 8:112-115, 1961. (Also acknowledges MH-1041).
- WASKOW, I. R.: Counselor attitudes and client behavior. *Journal of Consulting Psychology*, 27:405-412, 1963. (Also acknowledges MH-1041).
- MH-1393 (R01) BIBRING, GRETE L.: Study of the psychological course of pregnancy. Beth Israel Hospital, Boston, Mass. (1957-63)
- BIBRING, GRETE L.: Some considerations of the psychological processes in pregnancy. *Psychoanalytic Study of the Child*, 14:113-121, 1959.
- BIBRING, GRETE L.: The role of designed research in psychoanalysis. *Journal of the American Psychoanalytic Association*, 9:562-570, 1961.
- BIBRING, GRETE L.: The birth of a mother. Briefs (Maternity Center Association, New York), 26 (8):124-125, 1962.
- BIBRING, GRETE L.: Some specific psychological tasks in pregnancy and motherhood. (Abstract) *Revue de Médecine Psychosomatique*, 4(Special issue), 1962. (First International Congress of Psychosomatic Medicine and Childbirth, Paris, July 8-12, 1962: Librairie Maloine S.A., Paris).
- BIBRING, GRETE L.: Some specific psychological tasks in pregnancy and motherhood. In: *Communications du 1<sup>er</sup> Congrès International de Médecine, Psychosomatique et Maternité*. Paris, Gauthier-Villars, 1964.
- BIBRING, GRETE L., DWYER, THOMAS F., HUNTINGTON, DOROTHY S., and VALENSTEIN, ARTHUR F.: A study of the psychological processes in pregnancy and of the earliest mother-child relationship. I. Some propositions and comments. *Psychoanalytic Study of the Child*, 16:9-24, 1961.
- BIBRING, GRETE L., DWYER, THOMAS F., HUNTINGTON, DOROTHY S., and VALENSTEIN, ARTHUR F.: A study of the psychological processes in pregnancy and of the earliest mother-child relationship. II. Methodological considerations. *Psychoanalytic Study of the Child*, 16:25-72, 1961.
- MH-1394 (R01) CLAUSEN, JOHN, GARRISON, TIMMER, JR., JENKIN, NOEL, and ROSHARD, SHELDON: Ability structure in the mentally retarded. Training School at Vineland, Vineland, N.J. (1957-63)
- CLAUSEN, JOHN: Patterns of sensorimotor development in the mentally retarded. *Training School Bulletin*, Vineland, N.J., 56:58-61, 1959.
- CLAUSEN, J.: The research program of The Training School at Vineland. *Training School Bulletin*, Vineland, N.J., 58:106-108, 1961.
- CLAUSEN, JOHN: PMA subscores in retarded and normals: Pattern, scatter, correlations, and relation to etiology. *American Journal of Mental Deficiency*, 70(2):232-247, 1965.
- CLAUSEN, JOHN: Threshold for pure tone hearing in retardates. *American Journal of Mental Deficiency*, 70(4):556-562, 1966.
- CLAUSEN, JOHN, and KARRER, RATHE: Eye sensitivity of the eye in the mentally retarded. *Training School Bulletin*, Vineland, N.J., 53, 1961.
- JENKIN, NOEL, and WEST, NOEL: Perception in organic mental defectives: An exploratory study. I. The size-weight illusion. *Training School Bulletin*, 55:5-10, 1958.
- JENKIN, NOEL, and WEST, NOEL: Perception in organic mental defectives: An exploratory study. II. The Muller-Lyer illusion. *Training School Bulletin*, 55:67-70, 1959.
- MH-1400 (R01) O'NEAL, PATRICIA, and LEE, N.: Follow-up study of a child in a clinic. Washington University, St. Louis (1956-62)
- BATES, W. M., ROBINS, L., and O'NEAL, P.: Childhood patterns of behavior predictive of adult criminal behavior. *Pacific Sociological Review*, 20, Spring, 1961.
- O'NEAL, P., and ROBINS, L.: The relation of childhood behavior problems to adult psychiatric status: A 30-year follow-up study of 150 subjects. *American Journal of Psychiatry*, 114:90-95, 1958.



- NEAL, P., and ROBINS, L.: Childhood patterns predictive of adult schizophrenia: A 30-year follow-up study. *American Journal of Psychiatry*, 115:358-391, 1958.
- NEAL, PATRICIA, ROBINS, LEE N., KING, LUCY J., and SCHAEFFER, JEANETTE: Parental deviance and the genesis of sociopathic personality. *American Journal of Psychiatry*, 118:1114-1124, 1962.
- NEAL, P., SCHAEFFER, J. S., BERGMANN, J., and ROBINS, L. A.: The relation of childhood behavior problems to adult psychiatric status: A 30-year follow-up study of 262 subjects. In: Proceedings of the Detroit Divisional Meeting of the American Psychiatric Association. Washington, D.C., American Psychiatric Association, 1959.
- NEAL, PATRICIA, SCHAEFFER, JEANETTE, BERGMANN, J., and ROBINS, LEE: A psychiatric evaluation of adults who had sexual problems as children: A thirty-year follow-up study. *Human Organization*, 19:32-39, 1960.
- OBINS, L., BATES, W., and O'NEAL, P.: The adult drinking patterns of problem children. In: Pictman, D., and Snyder, C., eds. *Society, culture and drinking patterns*. New York, John Wiley, 1962.
- OBINS, LEE N., GYMAN, HARRY, and O'NEAL, PATRICIA: The interaction of social class and deviant behavior. *American Sociological Review*, 27:480-492, 1962.
- OBINS, L., and O'NEAL, P.: Mortality, mobility, and crime: Problem children thirty years later. *American Sociological Review*, 23:162-171, 1958.
- OBINS, L., and O'NEAL, P.: The relation of childhood behavior problems to adult marital status and family relationships. *Social Problems*, 5:548-557, 1958.
- OBINS, L. N., and O'NEAL, P.: The adult prognosis for runaway children. *American Journal of Orthopsychiatry*, 29:752-761, 1959.
- H-1402 (R01) STOEFFER, SAMUEL A., and SLATER, PHILIP E.: Correlates of anxiety in older persons. Age Center of New England, Boston, Mass. (1957-61)
- WOROWSKI, MARK: Aging and recreation. *Journal of Gerontology*, 17(3):302-309, 1962.
- DIA, L. K.: Feelings about age among older people. *Journal of Gerontology*, 17:65-68, 1962.
- H-1412 (R01) FISHER, SEYMOUR: Communication of family problem areas. Baylor University, Houston, Texas. (1957-57)
- SHER, S., and FISHER, R.: A projective test analysis of ethnic subculture themes in families. *Journal of Projective Techniques*, 24:366-369, 1960.
- MH 1414 (R01) MILLER, WALTER B.: Control of gang delinquency. Boston University, Boston, Mass. (1957- )
- KVARACEUS, W. C., and MILLER, WALTER B.: Delinquent behavior: culture and the individual. Vol. 1. Washington, D.C., National Education Association, 1959. (Booklet).
- MILLER, WALTER B.: The impact of a community group work program on delinquent corner groups. *Social Service Review*, 31(4):390-406, 1957.
- MILLER, WALTER B.: Inter-institutional conflict as a major impediment to delinquency prevention. *Human Organization*, 17(3):20-23, 1958.
- MILLER, WALTER B.: Lower class culture as a generating milieu of gang delinquency. *Social Forces*, 34(3):5-19, 1958.
- MILLER, WALTER B.: Preventive work with street-corner groups: Boston delinquency project. *Annals of the American Academy of Political and Social Science*, 322:91-106, 1959.
- MILLER, WALTER B.: Preliminary generalized theoretical orientations to the study of gang delinquency developed from the Boston delinquency project. *International Mental Health Research Newsletter*, 1(283):3-4, 1959.
- MILLER, WALTER B.: Implications of urban lower class culture for social work. *Social Service Review*, 33(3):219-236, 1959.
- MILLER, WALTER B.: Juvenile delinquency. *Education*, 80(7):389-392, 1961.
- MILLER, WALTER B.: The impact of a "total community" delinquency control project. *Social Problems*, 10:168-191, 1962.
- MILLER, WALTER B.: City gangs: A preview of the midcity delinquency study. *Boston University School of Social Work Journal*, 1:24-29, 1963.
- MILLER, WALTER B.: The corner gang boys get married. *Trans Action: Social Science and the Community*, 1(1):10-12, 1963.
- MILLER, WALTER B., GETTIZ, HEDDIE, and CUTTER, HENRY S. G.: Aggression in a boys' street-corner group. *Psychiatry*, 24(4):283-298, 1961. (Also acknowledges MH 1312).
- MH 1415 (R01) TISZA, VERONICA B.: Nondirective play program for hospitalized children. Tufts University, Boston, Mass. (1957-60)
- TISZA, V. B., and ANCOFF, E.: A play program for hospitalized children: The role of the playroom teacher. *Pediatrics*, 28:841-845, 1961.
- MH 1416 (R01) CHAPMAN, LOREN J.: Experimental study of schizophrenic thinking. University of Chicago, Chicago, Ill. (1957-59) (Continued as MH 3481; MH 2306).

- BURSTEIN, ALVIN G.: Some verbal aspects of primary process thought in schizophrenia. *Journal of Abnormal and Social Psychology*, 62:155-157, 1961. (Also acknowledges MH-7306 and MH-3481).
- CHAPMAN, L. J.: Confusion of figurative and literal usages of words by schizophrenics and brain-damaged patients. *Journal of Abnormal and Social Psychology*, 60:412-416, 1960. (Also acknowledges MH-7306 and MH-3481).
- CHAPMAN, L. J.: A re-interpretation of some pathological disturbances in conceptual breadth. *Journal of Abnormal Social Psychology*, 62:514-519, 1961. (Also acknowledges MH-7306 and MH-3481).
- CHAPMAN, L. J.: A search for lunacy. *Journal of Nervous and Mental Disease*, 132:171-174, 1961. (Also acknowledges MH-3481 and MH-7306).
- CHAPMAN, L. J.: Emotional factors in schizophrenic deficit. *Psychological Reports*, 9:564, 1961. (Also acknowledges MH-7306 and MH-3481).
- CHAPMAN, L. J.: The problem of selecting drug-free schizophrenics for research. *Journal of Consulting Psychology*, 27:540-542, 1963. (Also acknowledges MH-7306 and MH-3481).
- CHAPMAN, L. J., and BAXTER, J.: The process-reactive distinction and patients' subculture. *Journal of Nervous and Mental Disease*, 136:352-359, 1963. (Also acknowledges MH-7306 and MH-3481).
- CHAPMAN, L. J., BURSTEIN, A., DAY, DOROTHY, and VERDONE, P.: Regression and disorders of thought. *Journal of Abnormal and Social Psychology*, 63:540-545, 1961. (Also acknowledges MH-7306 and MH-3481).
- CHAPMAN, L. J., and CHAPMAN, JEAN P.: Atmosphere effect re-examined. *Journal of Experimental Psychology*, 58:220-226, 1959. (Also acknowledges MH-3481 and MH-7306).
- CHAPMAN, L. J., DAY, DOROTHY, and BURSTEIN, A.: The process-reaction distinction and prognosis in schizophrenia. *Journal of Nervous and Mental Disease*, 133:383-391, 1961. (Also acknowledges MH-7306 and MH-3481).
- GOTTESMAN, L., and CHAPMAN, L. J.: Syllogistic reasoning errors in schizophrenia. *Journal of Consulting Psychology*, 24:250-255, 1960. (Also acknowledges MH-7306 and MH-3481).
- MH-1419 (R01) BOGOCH, SAMUEL: Postshock amnesia and its relation to recovery. Boston Psychopathic Hospital, Boston, Mass. (1956-58)
- BOGOCH, S.: Effect of a synthetic diet low in aromatic amino acids on schizophrenic patients. *A. M. A. Archives of Neurology and Psychiatry*, 78:539-542, 1957. (Also acknowledges MH-1330).
- BOGOCH, SAMUEL: Effect of special diet on hospitalized schizophrenic patients. *American Journal of Psychiatry*, 114:261-263, 1957. (Also acknowledges MH-1330).
- BOGOCH, S.: The structure and function of brain ganglioside. In: *Excerpta Medica*, 1st International Congress of Neurological Sciences, 1957, p. 54. (Also acknowledges MH-1330).
- BOGOCH, S.: Structure of brain ganglioside. *Nature*, 180:197-198, 1957. (Also acknowledges MH-1330).
- BOGOCH, SAMUEL: Cerebrospinal fluid neuraminic acid deficiency in schizophrenia. *A. M. A. Archives of Neurology and Psychiatry*, 80:221-225, 1958.
- BOGOCH, S.: Neuraminic acid in the central nervous system. In: Rinkel, M., ed. *Chemical concepts of psychosis*. New York, McDowell, Oboler, 1958, p. 295-304.
- BOGOCH, S.: Isolation of neuraminic acid-containing proteins from cerebrospinal fluid. (Abstract) International Congress of Biochemistry, Vienna, 1958, Supplement of international abstracts of biological sciences. London, Pergamon, 1958, p. 217.
- BOGOCH, S.: Neuraminic acid in the central nervous system. In: Brucke, F., ed. *Biochemistry of the central nervous system*. Proceedings of the International Congress of Biochemistry, Vienna, 1959, p. 196.
- BOGOCH, SAMUEL, DUSSIK, KARL T., and LEVINE, A. S.: Clinical status and cerebrospinal fluid neuraminic acid. Repeated observations on individual schizophrenic patients. *A. M. A. Archives of General Psychiatry*, 1:441-449, 1955.
- BOGOCH, S., LYNCH, P., and LEVINE, A. S.: Influence of brain ganglioside upon the neurotoxic effect of influenza virus in mouse brain. *Virology*, 7:161-169, 1959.
- REICH, P., and BOGOCH, S.: Association of psychosis with severe renal glycosuria. *Psychosomatic Medicine*, 21:448-459, 1959.
- MH-1420 (R01) ELLIS, FRED W.: Adrenal function in experimental alcoholism. University of North Carolina, Chapel Hill, N.C. (1957-1965)
- ELLIS, FRED W.: Plasma levels of 17-hydroxycorticosteroids during ethanol intoxication. (Abstract) *Pharmacologist*, 1(2):80, 1959.
- ELLIS, FRED W.: Effect of ethanol on plasma corticosterone concentration in rats. (Abstract) *Endocrinology Proceedings*, 21(2):339, 1962.
- ELLIS, FRED W.: Adrenal cortical function in experimental alcoholism in dogs. *Proceedings of the Society for Experimental Biology and Medicine*, 120(3):740-744, 1965.

- H-1421 (R01) KELLER, FRED S.: Learning and performance under tranquilizing drugs. Columbia University, New York, N.Y. (1957-59)
- ERRYMAN, R.: A physical model for the controlled experiment. *Journal of Perceptual and Motor Skills*, 11:3-12, 1960.
- ERRYMAN, R.: A technique for the experimental analysis of conflict. *Psychological Reports*, 10: 423-426, 1962.
- ERRYMAN, R., and NEVIN, J. A.: Interlocking schedules of reinforcement. *Journal of the Experimental Analysis of Behavior*, 5:213-223, 1962. (Also acknowledges MII 3673).
- ERRYMAN, R., WAGMAN, W., and KELLER, F. S.: Chlorpromazine and the discrimination of response-produced cues. In: Miller, J. G., and Ulur, L., eds. *Drugs and behavior*. New York, Wiley, 1960.
- H-1422 (R01) GARNER, HARRY H., JEANS, ROBERT F., and TOMAN, JAMES E. P.: Cerebral physiology in functional disorders. Chicago Medical School, Chicago, Ill. (1957-61)
- RAMS, A., GARNER, H. H., and TOMAN, J. E. P.: Unfinished tasks in the behavioral sciences. Baltimore, Williams & Wilkins, 1961, 261 p.
- RIHANG, A. M., TOMAN, J. E. P., and EVERETT, G. M.: Attempted localization of site of action of "Tremorine." (Abstract) Abstracts, Fall meeting of the American Society of Pharmacology and Experimental Therapeutics, Ann Arbor, Mich., August 25-28, 1958.
- ERETT, G. M., RICHARDS, R. K., and TOMAN, J. E. P.: Toxic reactions to anticonvulsant drugs and their control: Pharmacological aspects. In: American League against Epilepsy, Proceedings, New York, December 12, 1957.
- ERETT, G. M., SMITH, A. H., JR., and TOMAN, J. E. P.: Role of the catecholamines in motor behavior. (Abstract) Fall Meeting of the American Society for Pharmacology and Experimental Therapeutics, Ann Arbor, Mich., August 25-28, 1958.
- ERETT, G. M., TAYLOR, J., DAVIN, J., and TOMAN, J. E. P.: Pharmacological effects of monoamine oxidase inhibitors. *Federation Proceedings*, 18:388, 1959.
- ERETT, G. M., and TOMAN, J. E. P.: Mode of action of rauwolfia alkaloids and motor activity. *Biological Psychiatry*, 1:75-81, 1959.
- LDNERG, J., and TOMAN, J. E. P.: Studies on experimental allergic encephalomyelitis. I. Reduction of electrical thresholds of spinal cords in guinea pigs with the disease. *Neurology*, 10: 1015-1019, 1960.
- LDNERG, R., and TOMAN, J. E. P.: Histologic demonstration of release of norepinephrine from adrenal medulla by deserpidine. (Abstract) *Federation Proceedings*, 17:60, 1958.
- JEANS, R. F., and TOMAN, J. E. P.: Freud, Fechner and feedback. Proceedings of the American Psychiatric Society, 1958.
- JEFFERSON, N. C., OGAWA, T., TOMAN, J. E. P., SCRUGGS, W., and NICHOLLS, H.: Trophic maintenance of the diaphragm by various nerves. *American Journal of Physiology*, 197:511-514, 1959.
- SABELLI, H. C., LEVIN, J. J., SIEGLER, L. O., and TOMAN, J. E. P.: Central and peripheral effects of amitriptyline and ethyltryptamine. (Abstract) *Pharmacologist*, 3(2):68, 1961.
- SABELLI, H. C., LEVIN, J. J., and TOMAN, J. E. P.: Interaction of imipramine and autonomic agents. (Abstract) *Federation Proceedings*, 20(1)Part 1: 393, 1961.
- SABELLI, H. C., LEVIN, J. J., and TOMAN, J. E. P.: Mecanismos colinérgicos y agentes antidepresivos. *Revista de la Sociedad Argentina de Biología*, 37: 87-92, 1961.
- SABELLI, H. C., and TOMAN, J. E. P.: Efectos electrocardiográficos de agentes antidepresivos. *Revista de la Sociedad Argentina de Biología*, 37: 205-210, 1961.
- TOMAN, J. E. P.: Tranquilizing drugs: A review. *Chicago Medical School Quarterly*, 18(3):97-110, 1958.
- TOMAN, J. E. P.: Problems in evaluation. In: Psychopharmacology. National Academy of Science, National Research Council, Publication 583, 1959.
- TOMAN, J. E. P.: Life and psychopathology of "Miniman." (Abstract) Conference on cerebral mechanisms. Pasadena, California Institute of Technology Press, 1960.
- TOMAN, J. E. P.: Pharmacological problems in the laboratory testing of new drugs. Symposium, American Academy of Neurology. Madison, Wisconsin, University of Wisconsin Press, May 1960.
- TOMAN, J.: Physiological triggering mechanisms in childhood epilepsy. *American Journal of Orthopsychiatry*, 32:507-514, 1962.
- TOMAN, JAMES E. P.: Neurotropic drugs. In: Elliott, Page, and Quastel, J. H., eds. *Neurochemistry*. Springfield, Ill., Thomas, 1962, p. 728-765. (Also acknowledges MII 3375 and MII 4545).
- TOMAN, J. E. P., BUSH, I. M., and CHACHKES, J. T.: Conditional features of sound evoked EEG responses during sleep. *Federation Proceedings*, 17:163, 1958.
- TOMAN, J. E. P., and EVERETT, G. M.: Comparison of laboratory methods in the search for new drugs of potential value in psychiatry. In: Neuro-

- chemistry Symposia. Psychopharmacology. Vol. 3. New York, Harper-Hoeber, 1958.
- TOMAN, J. E. P., GOLDBERG, J., LIBANOW, A., and SHEINMAN, S.: Spinal hyperexcitability in allergic encephalomyelitis. *Federation Proceedings*, 18:160, 1959.
- TOMAN, J. E. P., and WEISS, B.: Use of "memoscope" for studies of evoked potentials of human EEG. *Federation Proceedings*, 19:290, 1960.
- MH-1425 (R01) FOLDES, FRANCIS F., and BRACKEN, MARK M.: Anticholinesterase activity of phrenotropic drugs. Mercy Hospital, Pittsburgh, Pa. (1957-60)
- ERDOS, E. G., BAART, N., SHANOR, S. P., and FOLDES, F. F.: The inhibitory effect of chlorpromazine and chlorpromazine sulfoxide on human cholinesterases. *Archives Internationales de Pharmacodynamie et de Therapie*, 117:163-167, 1958.
- FOLDES, F. F., ZSIGMOND, E. K., FOLDES, E. M., and ERDOS, E. G.: The distribution of acetylcholinesterase and butyrylcholinesterase in the human brain. *Journal of Neurochemistry*, 9:559-572, 1962.
- FOLDES, V. M., ZSIGMOND, E. K., ERDOS, E. G., and FOLDES, F. F.: Histochemical demonstration of the inhibitory effect of d-lysergic acid diethylamide (LSD) and its congeners on brain cholinesterase. (Abstract) *Federation Proceedings*, 18:389, 1959.
- ZSIGMOND, E. K., FOLDES, F. F., and FOLDES, V. M.: The lack of correlation between the psychopharmacologic and anticholinesterase effect of LSD and its congeners. *Federation Proceedings*, 19:266, 1960.
- ZSIGMOND, E. K., FOLDES, F. F., and FOLDES, V. M.: The inhibitory effect of psilocybin and related compounds on human cholinesterases. *Federation Proceedings*, 20:25, 1961.
- ZSIGMOND, E. K., FOLDES, F. F., FOLDES, V. M., and ERDOS, E. G.: The in vitro inhibitory effect of d-lysergic acid (LSD) and its congeners on human cholinesterases. *Federation Proceedings*, 18:463, 1959.
- ZSIGMOND, E. K., FOLDES, V. M., and FOLDES, F. F.: The in vitro inhibitory effect of psilocybin and related compounds on human cholinesterases. *Psychopharmacologia*, 4:232-234, 1963.
- MH-1426 (R01) MCCARTHY, RAYMOND G., GERARD, DONALD L., and SAENGER, GERHART S.: Follow-up standards for alcoholism outpatient clinics. Yale University, New Haven, Conn. (1957-59) (Continued as MH-3522).
- GERARD, D. L., and SAENGER, G.: Interval between intake and follow-up as a factor in the evaluation of patients with a drinking problem. *Quarterly Journal of Studies on Alcohol*, 20:620-630, 1959. (Also acknowledges MH-3522).
- MH-1431 (R01) REED, SHELDON C.: Mental retardation and heredity. University of Minnesota, Minneapolis, Minn. (1957-59)
- HIGGINS, J. V., REED, E. W., and REED, S. C.: Intelligence and family size: A paradox resolved. *Eugenics Quarterly*, 9:84-90, 1962.
- REED, E. W., and PHILLIPS, V. P.: The Vale of Sidem revisited. *American Journal of Mental Deficiency*, 63:699-702, 1959.
- REED, S. C., REED, E. W., and HIGGINS, J. V.: The relationship of human welfare to marriage selection. *Journal of Heredity*, 53:153-156, 1962.
- MH-1434 (R01) SMITH, ALFRED A., and WORTIS, BERNARD: Sympathetic activity and addiction. New York University Medical Center, New York, N.Y. (1956-66)
- DANCIS, JOSEPH, and SMITH, ALFRED A.: Current concepts: Familial dysautonomia. *New England Journal of Medicine*, 274(4):207-208, 1966.
- GITLOW, S., MENDLOWITZ, M., SMITH, A., GALL, E., WOLF, R., and NAPTCHI, N.: The dynamics of norepinephrine metabolism. In: Brest, A. N., and Moyer, J. H., eds. *Recent advances in hypertension*. Philadelphia, Lea & Febiger, 1961, p. 335-341.
- GITLOW, S., MENDLOWITZ, M., SMITH, A., GALL, E., WOLF, R., and NAPTCHI, N.: Pharmacology and metabolism of norepinephrine in patients with essential hypertension. *American Journal of Cardiology*, 5:717-720, 1962.
- KAPLAN, M., GITLOW, S., and SMITH, A.: Metabolism of dl-norepinephrine-7-H<sup>3</sup> in rabbits tolerant to 1-norepinephrine. *Journal of Pharmacological Therapeutics*, 142(3):306-311, 1963.
- SMITH, A.: Origin of urinary pyrocatechol. *Nature*, 190(4771):167, 1961.
- SMITH, A., and DANCIS, J.: Physiological studies in familial dysautonomia. *Journal of Pediatrics*, 63:838-840, 1963.
- SMITH, A., and DANCIS, J.: Response to intradermal histamine in familial dysautonomia—a diagnostic test. *Journal of Pediatrics*, 63:889-894, 1963.
- SMITH, A., and DANCIS, J.: The exaggerated response to infused norepinephrine in familial dysautonomia. *New England Journal of Medicine*, 270:704-707, 1964.
- SMITH, A., and DANCIS, J.: Taste discrimination in familial dysautonomia. *Pediatrics*, 33:441-443, 1964.
- SMITH, ALFRED A., DANCIS, JOSEPH, and BREININ, GOODWIN: Ocular responses to autonomic drugs in

- familial dysautonomia. *Investigative Ophthalmology*, 4(3):358-361, 1965.
- MITH, ALFRED A., FARBMAN, ALBERT, and DANCIS, JOSEPH: Tongue in familial dysautonomia. A diagnostic sign. *American Journal of Diseases of Children*, 110:152, 1965.
- MITH, ALFRED, FARBMAN, ALFRED, and DANCIS, JOSEPH: Absence of taste-bud papillae in familial dysautonomia. *Science*, 147(3661):1040-1041, 1965.
- MITH, A., FABRYKANT, M., GITLOW, S., and WORTIS, S. BERNARD: Metabolism of dl-norepinephrine-7- $H^3$  in the guinea pig treated with tolbutamide. *Nature*, 193:577-578, 1962.
- MITH, A., FABRYKANT, M., KAPLAN, M., and GAVITT, J.: Dehydroxylation of catecholamines and their products. *Biochemica et Biophysica Acta*, 86:429-437, 1964.
- MITH, A., GAVITT, J., and KAPLAN, M.: Some relationships between catecholamines and morphine-like compounds. In: Wortis, J., ed. *Recent advances in biological psychiatry*. Vol. 6. New York, Plenum, 1964, p. 208-213.
- MITH, ALFRED A., GAVITT, JO ANN, and KARMIN, META: Lenticular opacities induced in mice by chlorpromazine. *Archives of Ophthalmology*, 75:99-101, 1966.
- MITH, A. A., GITLOW, S., GALL, E., WORTIS, S. B., and MENDLOWITZ, M.: The effect of disulfiram and thanol on the metabolism of DL-B- $H^3$ -norepinephrine. (Abstract) *Clinical Research*, 8:367, 1960.
- MITH, ALFRED A., HIRSCH, JACOB I., and DANCIS, JOSEPH: Responses to infused methacholine in familial dysautonomia. *Pediatrics*, 36(2):225-230, 1965.
- MITH, ALFRED A., KARMIN, META, and GAVITT, JO ANN: Interaction of catecholamines with levorphanol and morphine in the mouse eye. *Journal of Pharmacology and Experimental Therapeutics*, 151(1):103-109, 1966.
- MITH, A. A., SCHWITZBER, J. W., and WORTIS, S. B.: The determination of norepinephrine metabolites by isotope dilution. ((Abstract) *Federation Proceedings*, 18:145, 1959.
- MITH, A., TAYLOR, T., and WORTIS, S. BERNARD: Abnormal catecholamine metabolism in familial dysautonomia. *New England Journal of Medicine*, 268:705-707, 1963.
- MITH, A. A., and WORTIS, S. B.: Formation of tryptophol in the disulfiram-treated rat. *Biochemica et Biophysica Acta*, 40:569-570, 1960.
- MITH, A. A., and WORTIS, S. B.: The effect of disulfiram on the metabolism of normetanephrine-1- $C^{14}$  in the guinea pig. *Biochemical Pharmacology*, 3:333-334, 1960.
- SMITH, A. A., and WORTIS, S. B.: Formation and metabolism of h-acetyl-normetanephrine in rats treated with iproniazid. (Abstract) *Federation Proceedings*, 19:3, 1960.
- SMITH, A., and WORTIS, S. BERNARD: Formation and metabolism of N-acetylnormetanephrine in rats. *Biochemica et Biophysica Acta*, 60:420-422, 1962.
- MII-1439 (R01) RUCKERS-ORSIANKINA, MARIA A.: Social accessibility and environmental data. University of Connecticut, Storrs, Conn. (1956-58)
- RUCKERS-ORSIANKINA, M. A., and KUSMIN, A.: Individual differences in social accessibility. *Psychological Reports*, 4:391-406, 1958.
- MII-1440 (R03) ZAMIN, JOSEPH: Prognosis in mental disorders of the senium. New York State Department of Mental Hygiene, New York, N.Y. (1956-57)
- TEC, NECHAMA, and GRANICK, RUTH: Social isolation and difficulties in social interaction in residents of a home for aged. *Social Problems*, 7:226-232, Winter 1959-60. (Also acknowledges MII 2775).
- MII-1441 (R01) SCHNEIERA, THEODORE C., and TOBACH, ETHEL: Behavior development and tension adjustment to stress. American Museum of Natural History, New York, N.Y. (1957-61)
- TOBACH, E., SCHNEIERA, T. C., ARONSON, L. R., and LAUFHEIMER, R.: The ATSL: An observer-to-computer system for a multivariate approach to behavioral study. *Nature*, 194(4825):257-258, 1962.
- TOBACH, E., SCHNEIERA, T. C., LAUFHEIMER, R., and GROSSMAN, K.: The use of a computer in a study of the behavior of rats during the litter period. (Abstract) *American Zoologist*, 1(3):102, 1961.
- TOBACH, E., VROMAN, L., TURKEWITZ, G., and SCHNEIERA, T. C.: Infantile experience with specific visual stimuli as related to later differential approach responses in rats. (Abstract) *Anatomical Record*, 138(3):485, 1960.
- VROMAN, L., TOBACH, E., TURKEWITZ, G., and SCHNEIERA, T. C.: Physiological effect of pre-weaning manipulation in two strains of rats. (Abstract) *Anatomical Record*, 138(3):387, 1960.
- MII-1442 (R01) GRINKER, ROY R.: Psychosomatic studies of anxiety. Michael Reese Hospital and Medical Center, Chicago, Ill. (1957-62)
- BLATT, S.: Patterns of cardiac arousal during complex cognitive activity. *Journal of Abnormal and Social Psychology*, 63:272, 1961.
- GREENBERG, R., JEFFAY, A. I., and TOMAN, J. B. P.: Histological evidence for a neural role in the de-

- pletion of adrenal catecholamines by deserpidine and TM-10. *Journal of Pharmaceutical and Experimental Therapeutics*, 130:119-125, 1960.
- HEATH, H., and OKEN, D.: Change scores as related to initial and final levels. *Annals of the New York Academy of Sciences*, 98:1242-1256, 1962.
- HEATH, H. A., OKEN, D., KORCHIN, S. J., and TOWNE, J. C.: A factor analytic study of multivariate psychosomatic changes over time. *Archives of General Psychiatry*, 3:467-477, 1960.
- KORCHIN, S. J., BASOWITZ, H., GRINKER, R. R., HAMBURG, D. A., PERSKY, H., SABSHIN, M., HEATH, H., and BOARD, F. A.: Experience of perceptual distortion as a source of anxiety. *A. M. A. Archives of Neurology and Psychiatry*, 80:98-113, 1958.
- KORCHIN, SHELDON J., and HEATH, HELEN A.: Somatic experience in the anxiety state: some sex and personality correlates of "autonomic feedback." *Journal of Consulting Psychology*, 25(5): 398-404, 1961.
- KORCHIN, S. J., and HERZ, M.: Differential effects of shame and disintegrative threats on emotional and adrenocortical functioning. *A. M. A. Archives of General Psychiatry*, 2:640, 1960.
- OKEN, D.: An experimental study of suppressed anger and blood pressure. *A. M. A. Archives of General Psychology*, 2:441, 1960.
- OKEN, D.: The role of defense in psychological stress. In: Roessler, R. L., and Greenfield, N. S., eds. *Physiological correlates of psychological disorder*. Madison, Wisconsin, University of Wisconsin Press, 1962.
- OKEN, D., GRINKER, R. R., HEATH, H. A., HERZ, M., KORCHIN, S. J., SABSHIN, M., and SCHWARTZ, N. B.: Relation of physiological response to affect expression. *Archives of General Psychiatry*, 5: 336, 1962.
- OKEN, DONALD, GRINKER, ROY R., HEATH, HELEN A., SABSHIN, MELVIN, and SCHWARTZ, NEENA: Stress response in a group of chronic psychiatric patients. *Archives of General Psychiatry*, 3(5): 451-466, 1960.
- OKEN, DONALD, and HEATH, HELEN A.: The law of initial values: some further considerations. *Psychosomatic Medicine*, 25:3-12, 1963.
- PERSKY, H., KORCHIN, S. J., BASOWITZ, H., BOARD, F. A., SABSHIN, M., HAMBURG, D. A., and GRINKER, R. R.: Effect of two psychological stresses on adrenocortical function. *Archives of Neurology and Psychiatry*, 81:219, 1959.
- MH-1445 (R01) LOURIE, REGINALD S., LAYMAN, EMMA M., and MILLICAN, FRANCES K.: Etiology of pica as an addiction in children. *Children's Hospital, Washington, D.C.* (1957-64)
- LAYMAN, EMMA M., MILLICAN, FRANCES K., LOURIE, REGINALD S., and TAKAHASHI, LILY Y.: Cultural influences and symptom choice: eating customs in relation to the etiology of *The Psychological Record*, 13(3):249-257, 1963.
- LOURIE, REGINALD S., LAYMAN, EMMA M., MILLICAN, FRANCES K.: Why children eat that are not food. *Children*, 10(4):143-149, 1963.
- MILLICAN, FRANCES K., LAYMAN, EMMA M., LOURIE, REGINALD S., TAKAHASHI, LILY Y., DUBLIN, CHRISTINA C.: The prevalence of pica and mouthing of nonedible substances in children. *Clinical Proceedings of the Children's Hospital*, 18(8):207-214, 1962.
- MH-1446 (R01) GRAHAM, DAVID T.: Vaso-vagal fainting as biphasic response. Washington University, St. Louis, Mo. (1957- ) (Controlling as MH-2014).
- MONEY, JOHN: Phantom orgasm in the dream of paraplegic men and women. *Archives of General Psychiatry*, 3:373-382, 1960.
- MH-1448 (R01) CLEMENTE, CARMINE D.: Regeneration of synaptic connections in the CNS. University of California, Los Angeles, Calif. (1959- )
- CLEMENTE, C. D.: Regeneration of trigeminal facial neurons implanted into the cerebral cortex of rats, rabbits and cats. *Anatomical Record*, 127:403-404, 1957.
- CLEMENTE, C. D.: The regeneration of peripheral nerves inserted into the cerebral cortex and healing of cerebral lesions. *Journal of Comparative Neurology*, 109:123-151, 1958.
- CLEMENTE, C. D.: Some observations of regeneration in the central nervous system in animals. French, J. D., and Porter, R. W., eds. *Basic research in paraplegia*. Springfield, Ill., Charles C. Thomas, 1962, p. 8-12.
- GENIS-GALVEZ, J. M., and CLEMENTE, C. D.: Analisis comparativo de la innervacion del musculo liso de la membrana nictitante y del musculo liso de la membrana nictitante y del musculo liso (Estudio experimental tras la extirpacion del ganglio simpatico cervical superior.) *Arch. E. Morf.*, 13:159-179, 1957.
- NATHANIEL, E. J. H., and CLEMENTE, C. D.: Axonal regeneration following the implantation of skin and muscle grafts into the brain. *Anatomical Record*, 130:346, 1958.
- NATHANIEL, E. J. H., and CLEMENTE, C. D.: Growth of nerve fibers into skin and muscle in rat brains. *Experimental Neurology*, 1: 1959.
- MH-1452 (R01) BLAIN, DANIEL, GOSWAMI, CHARLES E., GUTTERSEN, ALSTON G.

- OZARIN, LUCY D.: Architectural study of mental hospitals. American Psychiatric Association, Washington, D.C. (1956-58)
- The Architecture Study Project and the General Practitioner Project. The day hospital, 1958. Washington, D.C., American Psychiatric Association, 1958.
- Building study reveals significant trends. *Mental Hospitals (Architectural Supplement)*, 7:29-32. September 1956.
- BUSH, CHARLES K., and OZARIN, LUCY D.: Psychiatric admissions to state hospitals. *Modern Hospital*, 88:96-104, 1957.
- BUSH, CHARLES K., OZARIN, LUCY D., GUTTERSEN, ALSTON G., RUSSELL, JOHN M., and WRIGHT, FRANCES: Good planning for psychiatric units depends on knowledge of case loads. I. Psychiatric admissions to general hospitals. *Modern Hospital*, 87:104-112, 1956.
- CRONIN, J. W., and TAYLOR, W. R.: Mental hospitals: Building type study. *Architectural Record*, 120:201-232, 1956.
- The day hospital 1958. In: Proceedings of the 1958 Day Hospital Conference. Architecture Study Project and General Practitioner Project. Washington, D.C., American Psychiatric Association, May, 1958.
- GOSHEN, CHARLES E.: Choosing institutional flooring materials. *Mental Hospitals*, 9:35-37, October 1958.
- GOSHEN, CHAS. E., ed.: Selected reading lists on mental hospitals. 1948-1958. Prepared by Architectural Study Project. Washington, D.C., American Psychiatric Association, 1958, 69 p. (Brochure).
- GUTTERSEN, ALSTON G.: Trends in the design and construction of hospital facilities in Holland. *Mental Hospitals*, 7:27-32, October 1956.
- OZARIN, LUCY D.: New horizons in psychiatry. *Architectural Record*, 120:202-204, 1956.
- OZARIN, LUCY D.: Interpreting medical needs to architects. *Mental Hospitals*, 7:23, June 1956.
- OZARIN, LUCY D.: Nursing stations in psychiatric units. *Hospitals*, 31:74-82, 1957.
- OZARIN, LUCY D.: Patterns of patient movement in general hospital psychiatric wards. *American Journal of Psychiatry*, 114:977-984, 1958.
- OZARIN, LUCY D., TUMA, A. H., and GUTTERSEN, A. G.: Planning physical facilities for psychiatric units. *Hospitals*, 31:43-44, and 98, 1957.
- TUMA, A. H., and OZARIN, LUCY D.: Patient "privileges" in mental hospitals. *American Journal of Psychiatry*, 114:1104-1110, 1958.
- WRIGHT, FRANCES M., and OZARIN, LUCY D.: Statistical surveys in the field of mental disorders. *Mental Hygiene*, 41:534-541, 1957.
- MII-1454 (R03) MARTIN, BARCLAY: Assessment of anxiety by a behavioral scale. University of Wisconsin, Madison, Wisc. (1956-57)
- MARTIN, B.: A factor analytic study of anxiety. *Journal of Clinical Psychology*, 14:133-138, 1958.
- MARTIN, B.: The measurement of anxiety. *Journal of General Psychology*, 61:189-203, 1959.
- MII-1459 (R01) KALISH, HARRY I.: Motivation and conflict in stimulus generalization. Adelphi College, Garden City, N.Y. (1957-61) (Continued as MII-6096).
- HABER, A., and KALISH, H. I.: Prediction of discrimination from generalization after variations in schedules of reinforcement. *Science*, 142:412-413, 1963. (Also acknowledges MII-6096).
- KALISH, H. I.: The relationship between discriminability and generalization: A re-evaluation. *Journal of Experimental Psychology*, 55:637-644, 1958.
- KALISH, H. I., and GUTTMAN, N.: Stimulus generalization after training on three stimuli: A test of the summation hypothesis. *Journal of Experimental Psychology*, 57:268-272, 1959. (Also acknowledges MII-1002).
- KALISH, H. I., and HABER, A.: Generality of stimulus generalization. *Psychological Reports*, 11:741-746, 1962. (Also acknowledges MII-6096).
- KALISH, H. I., and HABER, A.: Generalization. I. Generalization gradients from single and multiple stimulus points. II. Generalization of inhibition. *Journal of Experimental Psychology*, 65:176-181, 1963. (Also acknowledges MII-6096).
- MII-1464 (R03) BULLOCK, DONALD H.: Effects of periodic social reinforcement schedules. Pennsylvania Hospital, Philadelphia, Pa. (1956-57)
- BULLOCK, DONALD H.: Some aspects of human operant behavior. *Psychological Record*, 10:241-258, 1960.
- BULLOCK, DONALD H., and BRUNT, MANLY Y., JR.: The testability of psychiatric patients in an operant conditioning situation. *Psychological Record*, 9:165-170, 1959.
- MII-1465 (R03) STEVENSON, HAROLD W.: Study of a method for observing children's behavior. University of Texas, Austin, Texas. (1956-57)
- Proceedings of the Seventh Mental Hospital Institute. Patient participation and freedom. *Mental Hospitals*, 7:3-64, February 1956

- STEVENSON, H. W., and STEVENSON, NANCY G.: Social interaction in an interracial nursery school. *Genetic Psychology Monographs*, 61:37-75, 1960.
- STEVENSON, H. W., and STEVENSON, NANCY G.: A method for simultaneous observation and analysis of children's behavior. *Journal of Genetic Psychology*, 99:253-260, 1961.
- STEVENSON, H. W., and STEWART, E. C.: A developmental study of racial awareness in young children. *Child Development*, 29:399-409, 1958.
- MH-1468 (R03) MACCOBY, ELEANOR E.: Measures of superego strength in children. Harvard University, Cambridge, Mass. (1956-57)
- GRINDER, ROBERT E.: Parental child rearing practices, conscience, and resistance to temptation of sixth-grade children. *Child Development*, 33:803-820, 1962.
- MACCOBY, ELEANOR E.: The taking of adult roles in middle childhood. *Journal of Abnormal and Social Psychology*, 63:493-503, 1961. (Also acknowledges MH-461).
- REBELSKY, F. G., ALLINSMITH, W., and GRINDER, R. E.: Resistance to temptation and sex differences in children's use of fantasy confession. *Child Development*, 34:959-962, 1961.
- MH-1475 (R01) MALMO, ROBERT B.: Neuropsychological investigations of animals and man. McGill University, Montreal, Can. (1957- )
- BARTOSHUK, A. K.: Electromyographic reactions to strong auditory stimulation as a function of alpha amplitude. *Journal of Comparative and Physiological Psychology*, 52:540-545, 1959.
- BELANGER, D., and FELDMAN, S. M.: Effects of water deprivation upon heart rate and instrumental activity in the rat. *Journal of Comparative and Physiological Psychology*, 55:220-225, 1962.
- CHAMBERS, D. A., PASTERNAK, R., and MUELLER, H. F.: A clamp for finger-sweat prints. *Perceptual and Motor Skills*, 11:35-38, 1960.
- FELDMAN, S. M.: Differential effects of shock in human maze learning. *Journal of Experimental Psychology*, 62:171-178, 1961.
- KASPER, P.: Attenuation of passive avoidance by continuous septal stimulation. *Psychonomic Science*, 1:219-220, 1964.
- KASPER, PHYLLIS: Disruption of position habit reversal by septal stimulation. *Psychonomic Science*, 3(3):111-112, 1965.
- KENYON, J., and MULLER, H. F.: A visual rating scale for prints of finger-sweat. *American Journal of Psychology*, 76:140-142, 1963.
- MACNEILAGE, PETER F.: EEG amplitude changes during different cognitive processes involving animal stimuli and responses. *Psychophysiology*, 2(4):280-286, 1966.
- MACNEILAGE, PETER F.: Changes in electroencephalogram and other physiological measures during serial mental performance. *Psychophysiology*, 2(4):344-353, 1966.
- MALMO, R. B.: Measurement of drive: An unsolved problem in psychology. In: Jones, M. R., ed. *Nebraska symposium on motivation*. Lincoln, Nebr., University of Nebraska Press, 1958, p. 229-265.
- MALMO, R. B.: Activation: A neuropsychological dimension. *Psychological Review*, 66:367-381, 1959.
- MALMO, R. B.: Slowing of heart rate following septal self-stimulation in rats. *Science*, 62:171-178, 1961.
- MALMO, R. B.: Activation. In: Bachrach, A., ed. *Experimental foundations of clinical psychology*. New York, Basic Books, 1962, p. 384-422.
- MALMO, R. B.: On central and autonomic nervous system mechanisms in conditioning, learning, and performance. *Canadian Journal of Psychology*, 17:1-36, 1963.
- MALMO, R. B.: Physiological consequences of brain stimulation in experiments on intracranial self-stimulation and conditioning with a note on physiological recording in psychiatric patients. *Psychiatric Research Reports*, 17:119-129, 1963.
- MALMO, ROBERT B.: Physiological gradients and behavior. *Psychological Bulletin*, 64(4):223-234, 1965.
- MALMO, R. B.: Finger-sweat prints in the differentiation of low and high incentive. *Psychophysiology*, 1(3):231-240, 1965.
- MALMO, ROBERT B.: Cognitive factors in impairment: A neuropsychological study of divided attention. *Journal of Experimental Psychology*, 71(2):189-196, 1966.
- MALMO, R. B., and DAVIS, J. F.: A monopolar method of measuring palmar conductance. *American Journal of Psychology*, 74:106-113, 1961.
- MALMO, R. B., and SURWILLO, W. W.: Sleep deprivation: Changes in performance and physiological indicants of activation. *Psychological Monographs*, 74(52):1-24, 1960.
- MUNDL, WILLIAM J.: An electrical drinking spout for small animals. *American Journal of Psychology*, 79(1):134-137, 1966.
- MUNDL, WILLIAM J.: Restoring rectangular pulses of stimulation current. *Electroencephalography and Clinical Neurophysiology*, 20(5):527-531, 1966.



- INNEO, L. R.: The effects of induced muscle tension during tracking on level of activation and on performance. *Journal of Experimental Psychology*, 62:523-531, 1961.
- OSS, W. R. D., and DAVIS, J. F.: Stable band-pass filters for electroencephalography. In: IRE (Institute of Radio Engineers) Canadian Convention Record, 1958, p. 202-206. (Paper No. 860).
- UST, L. D.: Changes in bar-pressing performance and heart rate in the sleep-deprived rat. *Journal of Comparative and Physiological Psychology*, 5: 621-625, 1962.
- CHINORE, M. M.: Individual patterns of physiological activity as a function of task differences and degree of arousal. *Journal of Experimental Psychology*, 58:117-128, 1959.
- MH-1476 (R03) VOSS, JAMES F.: Language behavior and stimulus probability. Wisconsin State College, Eau Claire, Wisc. (1956-57)
- OSS, J. F., THOMPSON, C. P., and KEEGAN, J. H.: Acquisition of probabilistic paired associates as a function of S-R<sub>1</sub>, S-R<sub>2</sub> probability. *Journal of Experimental Psychology*, 58:390-399, 1959.
- MH-1481 (R01) GRIFFITHS, WILLIAM J., JR.: Effect of past experiences on adult behavior. Oklahoma State University of Agriculture and Applied Science, Stillwater, Okla. (1956-60)
- GRIFFITHS, WILLIAM J.: Effect of isolation and stress on escape thresholds in albino rats. *Psychological Reports*, 6:23-29, 1960.
- GRIFFITHS, WILLIAM J.: Responses of wild and domestic rats to force swimming. *Psychological Reports*, 6:39-49, 1960.
- GRIFFITHS, WILLIAM J.: Effect of isolation on treadmill running in the albino rat. *Psychological Reports*, 8:243-250, 1961. (Also acknowledges MH-4724).
- MH-1483 (R03) MAAS, HENRY S., and ZIMMERMAN, KENT: Personal and group factors in adaptation to stress. University of California, Berkeley, Calif. (1956-57)
- MAAS, HENRY S.: Behavioral science bases for professional education: The unifying conceptual tool of cultural role. Proceedings of the Interdisciplinary Conference. Washington, D.C., Howard University School of Social Work, 1958, p. 11-22.
- MAAS, HENRY S.: Use of behavioral sciences in social work education. *Social Work*, 3:62-69, 1958.
- MH-1490 (R03) SIEVERS, DOROTHY J.: Comparison of mentally retarded on language test. Co-
- SIEVERS, DOROTHY J.: A study to compare the performance of brain-injured and non-brain-injured mentally retarded children on the Differential Language Facility Test. *American Journal of Mental Deficiency*, 63(5):839-847, 1959.
- SIEVERS, DOROTHY J., and ROSENBERG, C. M.: The Differential Language Facility Test and electroencephalograms of brain-injured mentally retarded children. *American Journal of Mental Deficiency*, 65(1):46-50, 1960.
- MH-1494 (R03) WHICOTT, ROBERT C.: A comparison of measures of muscle tension. University of Nebraska, Omaha, Nebr. (1957-57)
- WHICOTT, R. C., and BENKIN, H. G.: Relation of integrated surface electromyography and muscle tension. *Perceptual and Motor Skills*, 7:295-298, 1957.
- MH-1495 (R03) ROSEN, BERNARD C.: The psychosocial origins of achievement motivation. University of Connecticut, Storrs, Conn. (1956-57)
- ROSEN, BERNARD C.: The achievement syndrome: A psychocultural dimension of social stratification. *American Sociological Review*, 21:203-211, 1956. Also in: Binney, R. C., and Tervan, R. C., eds. *Sourcebook for elementary psychology*. New York, Harcourt, Brace & World, 1964.
- ROSEN, BERNARD C.: Race, ethnicity and the achievement syndrome. *American Sociological Review*, 24:47-60, 1959. Also in: Mack, R. W., ed. *Race, class, and power*. New York, American Book Co., 1963.
- ROSEN, BERNARD C., and D'ANDRADE, ROY: The psychosocial origins of achievement motivation. *Sociometry*, 22:185-218, 1959.
- MH-1496 (R03) SMITH, JACKSON A., and CARVER, MICHAEL J.: Amino acid studies in mongolism. University of Nebraska, Lincoln, Nebr. (1957-57)
- CARVER, M. J.: Basic studies on mongolism. II. Hemoglobin. *Journal of Nervous and Mental Disease*, 127(4):374-377, 1958.
- CARVER, M. J., WHITSE, HOBART, and WITTON, C. L.: Basic studies in mongolism. I. Serum proteins. *Diagnosis of the Nervous System*, 20(4):162-166, 1959.
- MH-1498 (R03) JEFFREY, WENDELL E.: Early discrimination learning in young children. University of California, Los Angeles, Calif. (1956-57)
- JEFFREY, WENDELL E.: Variables in early discrimination learning. I. Motor responses in the train-

stimulus difference in the discrimination of tonal frequencies. *Child Development*, 29(4):531-537, 1958.

MH-1499 (R01) PASAMANICK, BENJAMIN, and LEVINE, RAPHAEL B.: Vector and scanned topographic EEG. Columbus Psychiatric Institute and Hospital, Columbus, Ohio. (1957-59)

LEVINE, RAPHAEL B., RETZLAFF, ERNEST, HANDA, HAJIME, and TILL, KENNETH: Electrical identification of certain nuclei and fiber tracts in brain of cat. *Journal of Neurophysiology*, 21:138-147, 1958.

LEVINE, RAPHAEL B., SMITH, RICHARD P., and HAWKES, GLENN R.: On synchrony of the alpha rhythms. *Aerospace Medicine*, 34:349-352, 1963.

MH-1500 (R03) LYKKEN, DAVID T.: An exploratory study of electrodermal phenomena. University of Minnesota, Minneapolis, Minn. (1956-57)

LYKKEN, D. T.: Properties of electrodes used in electrodermal measurement. *Journal of Comparative and Physiological Psychology*, 52:629-634, 1959.

LYKKEN, D. T., and ROSE, R.: A rat-holder with electrodes for GSR measurement. *American Journal of Psychology*, 72:621-622, 1959.

LYKKEN, D. T., and ROTH, N.: Continuous direct measurement of apparent skin conductance. *American Journal of Psychology*, 74:293-297, 1961.

MH-1502 (R03) FISCHER, JOHN L.: Socialization and symbolic resolution of conflicts. Harvard University, Cambridge, Mass. (1956-57)

FISCHER, J. L., FISCHER, ANN, and MAHONY, FRANK: Totemism and allergy. *International Journal of Social Psychiatry*, 5:33-40, 1959.

MH-1505 (R03) TERRELL, GLENN: Role of delayed reward in discrimination learning. University of Colorado, Boulder, Colo. (1957-57)

TERRELL, GLENN: Manipulatory motivation in children. *Journal of Comparative and Physiological Psychology*, 52(6):705-709, 1959.

TERRELL, GLENN: The role of incentive in discrimination learning in children. *Child Development*, 29(2):231-236, 1958.

MH-1507 (R03) LAPOUSE, REMA, and MONK, MARY: Pilot study on epidemiology of child behavior traits. University of Buffalo—prior to September 1, 1962, Buffalo, N.Y. (1956-57)

LAPOUSE, REMA: The relationship of behavior to adjustment in a representative sample of children.

LAPOUSE, REMA, and MONK, MARY A.: An epidemiologic study of behavior characteristics of children. *American Journal of Public Health*, 48(9):1134-1144, 1958.

LAPOUSE, REMA, and MONK, MARY A.: Fears and worries in a representative sample of children. *American Journal of Orthopsychiatry*, 29(4):808-818, 1959.

LAPOUSE, REMA, and MONK, MARY A.: The behavior of a representative sample of children. *Bulletin of the Tulane University Medical Faculty*, 18(2):83-88, 1959.

LAPOUSE, REMA, and MONK, MARY A.: Behavioral deviations in a representative sample of children. Variation by sex, age, race, social class and family size. *The American Journal of Orthopsychiatry*, 34(3):436-446, 1964. (Also acknowledges MH-3191).

LAPOUSE, REMA, MONK, MARY A., and STREIBER, ELISABETH: A method for use in epidemiologic studies of behavior disorders in children. *American Journal of Public Health*, 54(2):207-210, 1964. (Also acknowledges MH-3191).

MH-1508 (R01) MOSEL, JAMES N.: Behavior factors in automobile driving safety. Georgetown University, Washington, D.C. (1957-57)

GOLDSTEIN, L. G.: Research on human variables in safe motor vehicle operation: A correlational summary of predictor variables and criterion measures. In: *The Driver Behavior Research Project*, Washington, D.C., George Washington University, June, 1961.

MH-1509 (R03) KIMBLE, GREGORY A.: Experimentation in eyelid conditioning. Duke University, Durham, N.C. (1956-57)

DUFORT, ROBERT H., and KIMBLE, GREGORY A.: Ready signals and the effect of interpolated presentations in eyelid conditioning. *Journal of Experimental Psychology*, 56:1-7, 1958.

MH-1510 (R01) EWALT, JACK R.: Study of volunteer mental health organizations. Joint Commission on Mental Illness and Health, Boston, Mass. (1957-58)

LANDY, D., and WECHSLER, H.: Common assumptions, dimensions and problems of pathway organizations. *Journal of Social Issues*, 16(2):177-178, 1960.

WECHSLER, H.: The community volunteer and organization of former mental patients. In: *Community volunteer and the psychiatric patient*. Washington, D.C., American Psychiatric Association, 1961.

- mental health field: Recovery, Inc., a case study. *Journal of Nervous and Mental Disease*, 130:297-314, 1960.
- WECHSLER, H.: Halfway houses for former mental patients: A survey. *Journal of Social Issues*, 16(2):20-26, 1960.
- WECHSLER, H.: The expatient organization: A survey. *Journal of Social Issues*, 16(2):47-53, 1960.
- WECHSLER, H.: Transitional residences for former mental patients. A survey of halfway houses and related rehabilitation facilities. *Mental Hygiene*, 45:65-76, 1961.
- WECHSLER, H.: Patterns of membership in a self-help organization in mental health. *Mental Hygiene*, 45:613-622, 1961.
- WECHSLER, H., and LANDY, D., eds.: New pathways from the mental hospital. *Journal of Social Issues*, 16(2):1-80, 1960.
- MH-1512 (R03) LEVY, LEON H.: Tactual discrimination and perceptual defense. Indiana University, Bloomington, Ind. (1957-57)
- LEVY, LEON H.: Perceptual defense in tactual perception. *Journal of Personality*, 26:467-478, 1958.
- MH-1513 (R01) BARKER, ROGER G., and SCHOGGEN, PHIL H.: Psychological field studies. University of Kansas, Lawrence, Kan. (1957-62)
- BARKER, R. G.: Ecology and motivation. In: Jones, M. R., ed. *Nebraska Symposium on Motivation*. Lincoln, Neb., University of Nebraska, 1960, p. 1-49.
- BARKER, R. G., ed.: *The stream behavior*. New York, Appleton-Century-Crofts, 1963, 352 p.
- BARKER, R. G.: The stream of behavior as an empirical problem. In: Barker, R. G., ed. *The stream of behavior*. New York, Appleton-Century-Crofts, 1963, p. 1-22.
- BARKER, R. G., and BARKER, LOUISE S.: The psychological ecology of old people in Midwest, Kansas, and Yoredale, Yorkshire. *Journal of Gerontology*, 16(2):144-149, 1961.
- BARKER, R. G., and BARKER, LOUISE S.: Behavior units for the comparative study of cultures. In: Kaplan, B., ed. *Studying personality cross-culturally*. Evanston, Ill., Row, Peterson, 1961, p. 457-476.
- BARKER, R. G., and BARKER, LOUISE S.: Sixty-five and over. In: Williams, R. H., Tibbitts, C., and Donahue, W., eds. *Process of aging*. Vol. 1. New York, Atherton Press, 1963, p. 246-272.
- BARKER, R. G., and BARKER, LOUISE S.: Social actions in the behavior streams of American and *stream of behavior*. New York, Appleton-Century-Crofts, 1963, p. 127-159.
- BARKER, R. G., WRIGHT, H. F., BARKER, LOUISE S., and SCHOGGEN, MAXINE: Specimen records of American and English children. Lawrence, Kansas, University of Kansas Press, 1961, 271 p. (Also acknowledges MH-1098).
- DYCK, A. J.: The social contacts of some Midwest children and their parents and teachers. In: Barker, R. G., ed. *The stream of behavior*. New York, Appleton-Century-Crofts, 1963, p. 78-98.
- FAWL, C. L.: Disturbances experienced by children in their natural habitats. In: Barker, R. G., ed. *The stream of behavior*. New York, Appleton-Century-Crofts, 1963, p. 99-126.
- SCHOGGEN, MAXINE, BARKER, LOUISE S., and BARKER, R. G.: Structure of the behavior of American and English children. In: Barker, R. G., ed. *The stream of behavior*. New York, Appleton-Century-Crofts, 1963, p. 160-168.
- SCHOGGEN, PHIL: Environmental forces in the everyday lives of children. In: Barker, R. G., ed. *The stream of behavior*. New York, Appleton-Century-Crofts, 1963, p. 42-69.
- SIMMONS, HELEN, and SCHOGGEN, PHIL: Mothers and fathers as sources of environmental pressure on children. In: Barker, R. G., ed. *The stream of behavior*. New York, Appleton-Century-Crofts, 1963, p. 70-77.
- MH-1516 (R03) THOMPSON, ROBERT Q.: Age and memory decrement produced by ECS. Louisiana State University, Baton Rouge, La. (1957-58)
- THOMPSON, R., HARAVEY, F., PENNINGTON, D. F., SMITH, J., GANNON, D., and STOCKWELL, F.: An analysis of the differential effects of ECS on memory in young and adult rats. *Canadian Journal of Psychology*, 12:83-96, 1958.
- MH-1519 (R03) MEDNICK, SARNOFF A.: Generalization in brain damage and schizophrenia. Harvard University, Cambridge, Mass. (1957-57)
- MEDNICK, S.: A learning theory approach to research in schizophrenia. *Psychological Bulletin*, 55:316-327, 1958.
- MEDNICK, S.: Learning theory and schizophrenia: A reply to a comment. *Psychological Bulletin*, 56: 315-316, 1958.
- MEDNICK, S., and WILD, C.: Stimulus generalization in brain damaged children. *Journal of Consulting Psychology*, 25:525-527, 1961.
- MH-1520 (R03) KAPLAN, SOLOMON D.: After-images, hue, and drugs. University of Kansas Medical Center, Kansas City, Kan. (1957-57)

- KAPLAN, SOLOMAN D.: Autonomic drugs, after-images, and depression. *American Psychologist*, 13:343, 1958.
- KAPLAN, S. D.: Autonomic visual regulation. *Psychiatric Research Reports*, 12:104-118, 1960.
- MH-1527 (R03) SHAKLEE, ALFRED B.: Comparison of tranquilizers and shock on learning. University of Denver, Denver, Colo. (1957-57)
- COSLETT, S. B., and SHAKLEE, A. B.: Parallel observations on avoidance behavior and endocrine response under reserpine. *Journal of Genetic Psychology*, 94:217-220, 1959.
- SHAKLEE, A. B.: Measurement of cutaneous electrical thresholds in animal research. *American Journal of Psychology*, 70:624-627, 1957.
- SHAKLEE, A. B.: Chlorpromazine and habit reversal. *Journal of Genetic Psychology*, 93:59-62, 1958.
- SHAKLEE, A. B.: Reserpine and cutaneous response threshold. *Perceptual and Motor Skills*, 8:119-120, 1958.
- SHAKLEE, A. B.: Studies in operant conditioning. I. Acquisition of a panel pressing response. *Journal of Genetic Psychology*, 102:19-25, 1963.
- SHAKLEE, A. B.: Studies in operant conditioning. II. Response increment during extinction. *Journal of Genetic Psychology*, 102:27-31, 1963.
- SHAKLEE, A. B.: Studies in operant conditioning. III. Learning in the rat without prior experimental adaptation. *Journal of Genetic Psychology*, 102:33-36, 1963.
- MH-1529 (R03) ARKOFF, ABE, and BLOOM, BERNARD L.: Role playing in the assessment of psychopathology. Hawaii State Hospital, Kaneohe, Haw. (1957-58)
- BLOOM, B. L., and ARKOFF, A.: Role playing in acute and chronic schizophrenia. *Journal of Consulting Psychology*, 25:24-28, 1961.
- MH-1530 (R01) ROSNER, BURTON S.: Psychophysiology of somesthesia. Yale University, New Haven, Conn. (1957-62)
- ABRAHAMIAN, H. A., ALLISON, T., GOFF, W. R., and ROSNER, B. S.: Effects thiopental on human cerebral evoked responses. *Anesthesiology*, 24:650-657, 1963. (Also acknowledges MH-5286).
- ALLISON, T.: Recovery functions of somatosensory evoked responses in man. *Electroencephalography and Clinical Neurophysiology*, 14:331-343, 1962.
- ALLISON, T., GOFF, W. R., ABRAHAMIAN, H. A., and ROSNER, B. S.: The effects of barbiturate anesthesia on human somatosensory evoked responses. *Electroencephalography and Clinical Neurophysiology*, 15(Suppl. 24):68-75, 1963.
- GOFF, W. R., ROSNER, B. S., and ALLISON, T.: Distribution of cerebral somatosensory evoked responses in normal man. *Electroencephalography and Clinical Neurophysiology*, 14:697-713, 1962.
- ROSNER, B. S.: Effects of repetitive peripheral stimuli on evoked potentials of somatosensory cortex. *American Journal of Physiology*, 187:175-180, 1956.
- ROSNER, B. S.: Neural factors limiting cutaneous spatiotemporal discriminations. In: Rosenbly, W. A., ed. *Sensory communication*. Cambridge Technology, 1961, p. 725-737.
- ROSNER, B. S.: Psychophysics and neurophysiology. In: Koch, S., ed. *Psychology: A study of a science*. Vol. 4. New York, McGraw-Hill, 1961, p. 280-333.
- ROSNER, B. S.: Temporal interaction between cutaneous stimuli. *Journal of Experimental Psychology*, 67:191-192, 1964. (Also acknowledges MH-5286).
- ROSNER, B. S., ALLISON, T., SWANSON, E., GOFF, W. R.: A new instrument for the summation of evoked responses from the nervous system. *Electroencephalography and Clinical Neurophysiology*, 12:745-747, 1960.
- ROSNER, B. S., GOFF, W. R., and ALLISON, T.: Cerebral electrical responses to external stimuli. In: Glaser, G. H., ed. *EEG and behavior*. New York, Basic Books, 1963.
- ROSNER, B. S., GOFF, W. R., and ALLISON, T.: Properties of cerebral somatic evoked responses in unanesthetized Cebus monkey. *Electroencephalography and Clinical Neurophysiology*, 15(Suppl. 24):43-54, 1963.
- ROSNER, B. S., SCHMID, E., NOVAK, S., and ALLISON, T.: Responses at cerebral somatosensory and peripheral nerve evoked by graded electrical stimulation. *American Journal of Physiology*, 196:1083-1087, 1959.
- SCHMID, ETHEL: Temporal aspects of cutaneous interaction with two-point electrical stimulation. *Journal of Experimental Psychology*, 61:400-401, 1961.
- MH-1531 (R01) WOLFF, HAROLD G., and HINKLE, LAWRENCE E.: Relationship of life experiences to illness. Cornell University, New York, N.Y. (1957-59)
- HINKLE, L. E., REDMONT, R., PLUMMER, N., and WOLFF, H. G.: An examination of the relationship between symptom, disability, and serious illness in two homogeneous groups of men and women. *American Journal of Public Health*, 50(9):1333-1336, 1960.
- HINKLE, L. E., and WOLFF, H. G.: Ecological investigations of the relationship between illness,

- experiences and the social environment. *Annals of Internal Medicine*, 49:1373-1388, 1958.
- MH-1532 (R03) MEYER, DONALD R.: Experimental study of perception. Ohio State University, Columbus, Ohio. (1957-57)
- MEYER, D. R., CHO, C., and WESEMANN, A.: On problems of conditioning discriminated lever-press avoidance responses. *Psychological Review*, 67: 224-228, 1960.
- MH-1536 (R03) BLUMBERG, ARNOLD G.: Automatic sphygmomanometry applied to mecholyl test. Hillside Hospital, Glen Oaks, N.Y. (1957-58)
- BLUMBERG, ARNOLD G.: The use of the automatic sphygmomanometer in the mecholyl test. *Journal of the Hillside Hospital*, 8(3):179-185, 1959.
- BLUMBERG, ARNOLD G.: Reproducibility of the mecholyl test. *Psychosomatic Medicine*, 22:32-41, 1960. (Also acknowledges MH-2938).
- BLUMBERG, ARNOLD G., ROSETT, HENRY L., and DODROW, ALAN: Severe hypotensive reactions following meprobamate overdosage. *Annals of Internal Medicine*, 51:607, 1959.
- MH-1540 (R01) BERKOWITZ, LEONARD, and TANNEBAUM, PERCY H.: Expression and reduction of hostility. University of Wisconsin, Madison, Wisc. (1957-63)
- BERKOWITZ, L.: The expression and reduction of hostility. *Psychological Bulletin*, 55:257-283, 1958.
- BERKOWITZ, L.: Anti-semitism and the displacement of aggression. *Journal of Abnormal and Social Psychology*, 59:182-187, 1959.
- BERKOWITZ, L.: Some factors affecting the reduction of overt hostility. *Journal of Abnormal and Social Psychology*, 60:14-21, 1960.
- BERKOWITZ, L.: Repeated frustrations and expectations in hostility arousal. *Journal of Abnormal and Social Psychology*, 60:422-429, 1960.
- BERKOWITZ, L.: Manifest hostility level and hostile behavior. *Journal of Social Psychology*, 52:165-171, 1960.
- BERKOWITZ, L.: Anti-semitism, judgmental processes and hostility displacement. *Journal of Abnormal and Social Psychology*, 62:210-215, 1961.
- BERKOWITZ, L.: Aggression: A social-psychological analysis. New York, McGraw-Hill, 1962.
- BERKOWITZ, L.: Aggressive stimuli, aggressive responses, and hostility catharsis. In: Masserman, J., ed. *Science and psychoanalysis*. Vol. 6: Violence and war. New York, Grune & Stratton, 1963.
- BERKOWITZ, LEONARD: Aggressive cues in aggressive behavior and hostility catharsis. *Psychological Review*, 71:(2)104-122, 1964.
- BERKOWITZ, L., CORWIN, R., and HEIRONIMUS, M.: Film violence and subsequent aggressive tendencies. *Public Opinion Quarterly*, 27:217-229, 1963.
- BERKOWITZ, L., and GREEN, J. A.: The stimulus qualities of the scapegoat. *Journal of Abnormal and Social Psychology*, 64:293-301, 1962.
- BERKOWITZ, L., and HOLMES, D. S.: The generalization of hostility to disliked objects. *Journal of Personality*, 27:565-577, 1959.
- BERKOWITZ, L., and HOLMES, D. S.: A further investigation of hostility generalization to disliked objects. *Journal of Personality*, 28:427-442, 1960.
- BERKOWITZ, L., MACAULAY, J. R., and GREEN, J. A.: Hostility catharsis as the reduction of emotional tension. *Psychiatry*, 25:23-31, 1962.
- BERKOWITZ, L., and RAWLINGS, E. I.: Effects of film violence on inhibitions against subsequent aggression. *Journal of Abnormal and Social Psychology*, 66:405-412, 1963.
- HOKANSON, J. E.: The effects of frustration and anxiety on overt aggression. *Journal of Abnormal and Social Psychology*, 62:346-351, 1961.
- HOKANSON, J. E.: Vascular and psychogalvanic effects of experimentally aroused anger. *Journal of Personality*, 29:30-39, 1961.
- HOKANSON, J. E.: Aggressive cues in aggressive behavior and hostility catharsis. *Psychological Review*, 71:104-122, 1964.
- HOLMES, D. S., and BERKOWITZ, L.: Some contrast effects in social perception. *Journal of Abnormal and Social Psychology*, 62:150-152, 1961.
- MH-1541 (R01) ZUBIN, JOSEPH, and SUTTON, SAMUEL: Biometric assay of the mentally ill. New York State Department of Mental Hygiene, New York, N.Y. (1957-62)
- BABKOFF, H., and SUTTON, S.: Perception of temporal order and loudness judgments for dichotic clicks. *Journal of the Acoustical Society of America*, 35:574-577, 1963.
- BURDOCK, E. I., CHEEK, FRANCES, and ZUBIN, J.: Predicting success in psychoanalysis. New York, Grune & Stratton, 1960.
- CHASE, R. A., HARVEY, S., STANDFAST, SUSAN, RAPIN, ISABELLE, and SUTTON, S.: Studies on sensory feedback. I. Effect of delayed auditory feedback on speech and keytapping. *Quarterly Journal of Experimental Psychology*, 13:141-152, 1961.
- CHASE, R. A., SUTTON, S., and FIRST, DAPHNE: Delayed auditory feedback. (Bibliography) *Journal of Speech and Hearing Research*, 2:193-200, 1959.

- CHASE, R. A., SUTTON, S., FIRST, DAPHNE, and ZUBIN, J.: A developmental study of changes in behavior under delayed auditory feedback. *Journal of Genetic Psychology*, 99:101-112, 1961. (Also acknowledges MH-586).
- GRANICK, RUTH, and NAHEMOW, LUCILLE: Pre-admission isolation as a factor in adjustment to an old age home. In: Hoch, P. H., and Zubin, J., eds. *Psychopathology of aging*. New York, Grune & Stratton, 1961, p. 285-302. (Also acknowledges MH-586 and MH-2775).
- HAKEREM, G., SUTTON, S., and ZUBIN, J.: Pupillary reactions in schizophrenics and normals. *American Psychologist*, 13:357, 1958. (Also acknowledges MH-586).
- HAKEREM, G., SUTTON, S., and ZUBIN, J.: Pupillary reactions to light in schizophrenic patients and normals. *Annals of the New York Academy of Sciences*, 105:820-831, 1964. (Also acknowledges MH-4759).
- HAMMER, MURIEL: Influence of small social networks as factors on mental hospital admission. *Human Organization*, 22(4):243-251, 1963-64.
- NOVAK, STANLEY: Effect of electrocutaneous digital stimulation on the detection of single and double flashes of light. *Psychological Monographs*, 79 (15):1-9, 1965. (Whole No. 608)
- PORTNOY, STEPHANIE, and SALZINGER, K.: The conditionability of different verbal response classes: Positive, negative and non-affect statements. *Journal of General Psychology*, 70:311-323, 1964. (Also acknowledges MH-2785).
- SALZINGER, K., and FELDMAN, R. S.: Verbal behavior of schizophrenic and normal subjects. *Annals of the New York Academy of Sciences*, 105:845-860, 1964. (Also acknowledges MH-586, MH-4443, and MH-4842).
- SALZINGER, K., FELDMAN, R. S., and PORTNOY, STEPHANIE: The effects of reinforcement on verbal and non-verbal responses. *Journal of General Psychology*, 70:225-234, 1964. (Also acknowledges MH-4758).
- SALZINGER, K., and PISONI, STEPHANIE: Reinforcement of verbal affect responses of normal subjects during the interview. *Journal of Abnormal and Social Psychology*, 60:127-130, 1960. (Also acknowledges MH-586).
- SALZINGER, K., and PORTNOY, STEPHANIE: Verbal conditioning in interviews: Application to chronic schizophrenics and relationship to prognosis for acute schizophrenics. *Journal of Psychiatric Research*, 2:1-7, 1964. (Also acknowledges MH-7477 and MH-586).
- SALZINGER, KURT, PORTNOY, STEPHANIE, and FELDMAN, RICHARD S.: Experimental manipulation of continuous speech in schizophrenic patients. *Journal of Abnormal and Social Psychology*, 68(5):508-516, 1964. (Also acknowledges MH-4842 and MH-2785).
- SALZINGER, SUZANNE, SALINGER, KURT, PORTNOY, STEPHANIE, ECKMAN, JUDITH, BACON, PAUL M., DEUTSCH, MARTIN, and ZUBIN, J.: Operant conditioning of continuous speech in young children. *Child Development*, 33(3):695, 1962.
- SUTTON, S., HAKEREM, G., PORTNOY, M., and ZUBIN, J.: The effect of shift of sensory modalities on serial reaction time: A comparison of schizophrenics and normals. *American Journal of Psychology*, 74:224-232, 1961. (Also acknowledges MH-586).
- SUTTON, S., ROEHRIG, W. C., KRAMER, J.: Delayed auditory feedback of speech in schizophrenics and normals. *Annals of the New York Academy of Sciences*, 105:832-844, 1964.
- WALTON, H. J., BENNETT, R., and NAHEMOW, L. D.: The significance of psychiatric symptomatology for social adaptation. *British Journal of Psychiatry*, 110:544-548, 1964. (Also acknowledges MH-2775).
- ZUBIN, J.: A brief survey of the interview. In: Gee, H. H., and COWLES, J. T., eds.: *The appraisal of applicants to medical school*. E. H. Spon, Ind., Association of American Medical Colleges, 1957.
- ZUBIN, J.: Discussion of uses and abuses of statistics in biochemical investigations of psychotic patients, by Max Reiss. In: Rinkel, M., and DeWitt, M. C. B., eds. *Chemical concepts of psychopharmacology*. New York, McDowell Obolensky, 1958, p. 443.
- ZUBIN, J.: From the point of view of biometrics. In: Hoch, P. H., and Zubin, J., eds. *Field studies in the mental disorders*. New York, Grune & Stratton, 1961, p. 406-410.
- ZUBIN, J.: Measurement of changes in human behavior under the effects of psychotropic drugs. In: Rothlin, E., ed. *Neuropsychopharmacology*. New York, Grune & Stratton, 1961, p. 333-338. (Also acknowledges MH-34).
- ZUBIN, J.: Discussion of the future of psychological and educational approaches. In: Hoch, P. H., and Zubin, J., eds. *The future of psychiatry*. New York, Grune & Stratton, 1962, p. 83-90.
- ZUBIN, J.: A biometric approach to diagnosis and prognosis. In: Nodine, J. H., and Moyer, J. E., eds. *Psychosomatic medicine: The First Hermann Symposium*. Philadelphia, Lea & Febiger, 1962, p. 71-80.
- ZUBIN, J.: Problems and prospect of the biometric method. *Annals of the New York Academy of Sciences*, 105:919-925, 1964.

- ZUBIN, J., and KATZ, M.: Psychopharmacology and personality. In: Worchel, P., and Byrne, D. *Personality change*. New York, John Wiley & Sons, 1964, p. 367-395.
- ZUBIN, J., SUTTON, S., SALZINGER, K., SALZINGER, SUZANNE, BURDOCK, E. I., and PERETZ, D.: A biometric approach to prognosis in schizophrenia. In: Hoch, P. H., and Zubin, J., eds. *Comparative epidemiology in the mental disorders*. New York, Grune & Stratton, 1961, p. 143-203.
- MH-1544 (R01) CAMPBELL, DONALD T.: Five varieties of projection in trait attribution. Northwestern University, Evanston, Ill. (1957-61)
- CAMPBELL, D. T., MILLER, N., LUBETSKY, J., and O'CONNELL, E. J.: Varieties of projection in trait attribution. *Psychological Monographs*, 78(15): 1-33, 1964.
- LUBETSKY, J., and CAMPBELL, D. T.: Age and sex as sources of stimulus equivalence in judgments of photos and peers. *Journal of Clinical Psychology*, 19(4):502-505, 1963.
- RENNER, K. E., MAHER, B. A., and CAMPBELL, D. T.: The validity of a method for scoring sentence-completion responses for anxiety, dependency, and hostility. *Journal of Applied Psychology*, 46(4):285-290, 1962.
- WILSON, W., and MILLER, N.: Shifts in evaluations of participants following intergroup competition. *Journal of Abnormal and Social Psychology*, 63(2):428-431, 1961.
- MH-1552 (R01) KAUFMAN, M. RALPH: Biochemistry and physiology of electroshock therapy. Mount Sinai Hospital, New York, N.Y. (1957-58)
- ROSENBLATT, S., CHANLEY, J., SOBOTKA, H., and KAUFMAN, M. R.: Interrelationships between electroshock, the blood brain barrier, and catecholamines. *Journal of Neurochemistry*, 5(2): 172-176, 1960.
- MH-1557 (R01) MONEY, JOHN, HAMPSON, JOAN G., and HAMPSON, JOHN L.: Longitudinal and related psychohormonal studies. Johns Hopkins University, Baltimore, Md. (1957-64)
- ALEXANDER, DUANE, WALKER, H. T., JR., and MONEY, JOHN: Studies in direction sense. I. Turner's syndrome. *Archives of General Psychiatry*, 10:337-339, 1964.
- BUNGE, R. G., ALBERT, A., BURNS, B., and HAMPSON, J. G.: Determination of sex and what to do about it. (Panel discussion) *Journal of Urology*, 81:13-24, 1959.
- EVERETT, HENRY C.: Sneezing in response to light. *Neurology*, 14:483-490, 1964.
- GREEN, RICHARD, and MONEY, JOHN: Incongruous gender role: Nongenital manifestations in prepubertal boys. *Journal of Nervous and Mental Disease*, 130:160-168, 1960.
- GREEN, RICHARD, and MONEY, JOHN: Effeminacy in prepubertal boys, summary of eleven cases and recommendations for case management. *Pediatrics*, 27:286-291, 1961.
- GREEN, RICHARD, and MONEY, JOHN: "Tomboys" and "sissies." *Sexology*, 28:304-307, 1961.
- GREEN, RICHARD, and MONEY, JOHN: Binocular rivalry of gender-significant pictures in a stereoscope. *Journal of Psychiatric Research*, 2:19-27, 1962.
- HAMPSON, JOHN L., and HAMPSON, JOAN G.: The ontogenesis of sexual behavior in man. In: Young, William C., ed. *Sex and internal secretions*. Baltimore, Williams & Wilkins, 1961, p. 1401-1432.
- HAMPSON, JOHN L., and MONEY, JOHN: The child with disorders of physical growth. In: Smith, Michael H., ed. *Management of the handicapped child*. New York, Grune & Stratton, 1957, p. 173-191.
- MONEY, JOHN: Components of eroticism in man: Cognitive rehearsals. In: Wortis, C. J., ed. *Recent advances in biological psychiatry*. New York, Grune & Stratton, 1960, p. 210-225.
- MONEY, JOHN: Hermaphroditism. In: Ellis, A., and Abarbanel, A., eds. *The encyclopedia of sexual behavior*. New York, Hawthorne Books, 1961, p. 472-484.
- MONEY, JOHN: Components of eroticism in man: I. The hormones in relation to sexual morphology and sexual desire. *Journal of Nervous and Mental Disease*, 132:239-248, 1961.
- MONEY, JOHN: Components of eroticism in man: II. The orgasm and genital somesthesia. *Journal of Nervous and Mental Disease*, 132:289-297, 1961.
- MONEY, JOHN: Sex hormones and other variables in human eroticism. In: Young, William C., ed. *Sex and internal secretions*. Baltimore, Williams & Wilkins, 1961, p. 1383-1400.
- MONEY, JOHN: Too early puberty. *Sexology*, 28: 154-157, 1961.
- MONEY, JOHN, ed.: Reading disability: Progress and research needs in dyslexia. Baltimore, Johns Hopkins, 1962, 222 p.
- MONEY, JOHN: Dyslexia: A postconference review. In: Money, John, ed. *Reading disability: Progress and research needs in dyslexia*. Baltimore, Johns Hopkins, 1962, p. 9-33.
- MONEY, JOHN: Obstacles to sex research. *Sexology*, 28:548-553, 1962.

- MONEY, JOHN: Cyto-genetics and psychosexual incongruities with a note on space-form blindness. *American Journal of Psychiatry*, 9:820-827, 1963.
- MONEY, JOHN: Reading disorder. In: Gellis, S. S., and Kagan, B. M., eds. *Current pediatric therapy*. Philadelphia, W. B. Saunders, 1963.
- MONEY, JOHN: Factors in the genesis of homosexuality. In: Winokur, G., ed. *Determinants of human sexual behavior*. Springfield, Ill., Charles C. Thomas, 1963, p. 19-43.
- MONEY, JOHN: Psychosexual development in man. In: Deutch, A., ed. *The encyclopedia of mental health*. New York, Franklin Watts, 1963, p. 1678-1709.
- MONEY, JOHN: Developmental differentiation of femininity and masculinity compared. In: Farber, S. M., and Wilson, R. H. L., eds. *Man and civilization: The potential of woman*. New York, McGraw-Hill, 1963, p. 51-65.
- MONEY, JOHN: Problems in sexual development. Endocrinologic and psychological aspects. *New York State Journal of Medicine*, 63:2348-2354, 1963.
- MONEY, JOHN, HAMPSON, JOAN G., and HAMPSON, JOHN L.: Correspondence: Hermaphroditism: Psychology and case management. *Canadian Psychiatric Association Journal*, 5:131-133, 1960.
- MONEY, JOHN, and RIRSCH, STEVEN R.: Chromosome anomalies, mental deficiency, and schizophrenia: A study of triple X and triple X/Y chromosomes in 5 patients and their families. *Archives of General Psychiatry*, 8:242-251, 1963.
- POLLITT, ERNESTO, and MONEY, JOHN: Studies in the psychology of dwarfism. I. Intelligence quotient and school achievement. *Journal of Pediatrics*, 64:415-421, 1964.
- SHAFER, JOHN W.: A specific cognitive deficit observed in gonadal aplasia (Turner's syndrome). *Journal of Clinical Psychology*, 18:403-406, 1962.
- SHAFER, JOHN W.: Masculinity-femininity and other personality traits in gonadal aplasia (Turner's syndrome). In: Beigel, H. G., ed. *Advances in sex research*. New York, Hoeber, 1963, p. 219-232.
- MH-1561 (R01) RABINOWICZ, THEODORE: Prenatal development of human cerebral cortex. Institut d'Anatomic Pathologique, Lausanne, Swiz. (1957-64)
- JACOB, H.: Perinatal lesions and diseases in infancy of the central nervous system. *Internationaler Kongress Fur Neuropathologie, Proceedings*, 4: Sept. 8, 1961.
- RABINOWICZ, T.: L'écorce cérébrale de l'enfant prématuré du huitième mois. *Médecine et Hygiène*, 20:818, 1962.
- RABINOWICZ, THEODORE: The cerebral cortex of premature infant of the 8th month. *Progress in brain research*, vol. 4. In: Purpura, D. P., Schade, J. P., eds. *Growth and maturation of brain*. Amsterdam, Elsevier, 1964, p. 39-86.
- MH-1562 (R01) CAMPBELL, BYRON A.: Generalized effects of early traumatic experience. Princeton University, Princeton, N.J. (1957- )
- BLOOM, JOE M., and SMITH, NELSON F.: Stimulus aftereffects of bar pressing. *Psychonomic Science*, 3(1):23-24, 1965.
- CAMPBELL, BYRON A.: Theory and research on effects of water deprivation on random activity of the rat. In: Thirst. Proceedings of the 1st International Symposium on Thirst in the Regulation of Body Water, Florida State University, Tallahassee, May, 1963. New York, Pergamon Press, 1964, p. 317-334.
- CAMPBELL, BYRON A., and BLOOM, J. M.: Reversal of aversiveness of noise and shock. *Journal of Comparative and Physiological Psychology*, 60:440-442, 1965.
- CAMPBELL, B. A., and CAMPBELL, ENID H.: Retention and extinction of learned fear in infant and adult rats. *Journal of Comparative and Physiological Psychology*, 55:1-8, 1962.
- CAMPBELL, BYRON A., and CANDLAND, D. K.: Effects of prior shock on the emotionality of young rats in an open field. *Canadian Journal of Psychology*, 15:1-5, 1961.
- CAMPBELL, BYRON A., and CICALA, G. A.: Stress of water deprivation in rats as a function of age. *Journal of Comparative and Physiological Psychology*, 55:763-768, 1962.
- CAMPBELL, BYRON A., and RICCIO, DAVID C.: Effect of induced stress in rats as a function of age. *Journal of Comparative and Physiological Psychology*, 61(2):234-239, 1966.
- CAMPBELL, BYRON A., TECHTSONIAN, R., WILLIAMS, RUTH A.: Activity, weight loss, survival time of food-deprived rats as a function of age. *Journal of Comparative and Physiological Psychology*, 54:216-219, 1960.
- CANDLAND, D. K., and CAMPBELL, B. A.: Development of fear in the rat as measured by behavior in the open field. *Journal of Comparative and Physiological Psychology*, 55:593-596, 1962.
- MISANIN, J. R., and SMITH, N. F.: Role of response-linked fear in the effects of a single ECS on avoidance response. *Journal of Comparative and Physiological Psychology*, 58(2):212-216, 1966.
- MISANIN, JAMES R., SMITH, NELSON F., and CAMPBELL, B. A.: Relation between blood sugar and random activity during food and water deprivation. *Psychonomic Science*, 1:63-64, 1966.



- SELIGMAN, MARTIN E. P., and CAMPBELL, BYRON A.: Effect of intensity and duration of punishment on extinction of an avoidance response. *Journal of Comparative and Physiological Psychology*, 59 (2):295-297, 1965.
- SMITH, NELSON F., MISANIN, JAMES R., and CAMPBELL, BYRON A.: Effect of punishment on extinction of an avoidance response: Facilitation or inhibition? *Psychonomic Science*, 4(7):271-272, 1966.
- WILLIAMS, RUTH H., and CAMPBELL, BYRON A.: Weight loss and quinine-milk ingestion as measures of "hunger" in infant and adult rats. *Journal of Comparative and Physiological Psychology*, 54:220-222, 1961.
- MH-1563 (R01) VEITH, ILZA: A cultural history of psychiatry in the Orient. University of Chicago, Chicago, Ill. (1957-63)
- VEITH, ILZA: Non-Western concepts of psychic function, Chapter 4. In: History and philosophy of knowledge of the brain and its function. Oxford, Blackwell & Co., 1958.
- VEITH, ILZA: "Henry E. Sigerist: Orientalist." *Journal of the History of Medicine and Allied Sciences*, 13:200-211, 1958.
- VEITH, ILZA: Universalistic concepts in Chinese medicine and anatomy. *Medical and Biological Illustrations*, 8(3):124-137, 1958.
- VEITH, ILZA: Richard Bright, 1789-1858. *Modern Medicine*, 26(24):203-215, 1958.
- VEITH, ILZA: Glimpses into the history of psychotherapy. *Progress in Psychotherapy*, 3:1-19, 1958.
- VEITH, ILZA: The evolution of American medical education. *Medicine of Japan in 1959*, 1:43-53, 1959.
- VEITH, ILZA: Betrachtungen über den Wechsel der Krankheitsauffassungen. *Medizinische*, 40:3-19, 1959.
- VEITH, ILZA: Japanese medicine today. *A. M. A. Archives of Surgery*, 81:467-472, 1960.
- VEITH, ILZA: Twin birth: Blessing or disaster. A Japanese view. *International Journal of Social Psychology*, 6:230-236, 1960.
- VEITH, ILZA: Creation and evolution in the Far East. *Perspectives in Biology and Medicine*, 3(4): 528-546, 1960.
- VEITH, ILZA: Galen's psychology. *Perspectives in Biology and Medicine*, 4:316-323, 1961.
- VEITH, ILZA: The surgical achievements of ancient India: Sushruta. *Surgery*, 49(4):564-568, 1961.
- VEITH, ILZA: The supernatural in Far Eastern concepts of mental disease. *Bulletin of the History of Medicine*, 37(2):141-158, 1963.
- VEITH, I.: The infancy of psychiatry. *Bulletin of the Menninger Clinic*, 28:186-197, 1964.
- VEITH, ILZA: On the "The loneliness of Freud's achievement." Dedicated to the memory of Dr. Maxwell Gitelson. *Bulletin of the Menninger Clinic*, 29(5):245-255, 1965.
- VEITH, ILZA: Hysteria. The history of a disease. Chicago, Ill., University of Chicago, 1965, 301 p.
- MH-1566 (R01) MANGIN, WILLIAM P., and VASQUES, MARIO: Comparative study of mental health and urbanization. Syracuse University, Syracuse, N.Y. (1957-59)
- MANGIN, WILLIAM P.: The role of regional associations in the adaptation of rural population in Peru. *Sociologus*, 9:23-36, 1959.
- MANGIN, WILLIAM P.: Mental health and migration to cities: A Peruvian case. *Annals of the New York Academy of Sciences*, 84(17):911-917, 1960.
- MANGIN, WILLIAM P.: Urbanization case history in Peru. *Architectural Design* (London), 33:366-389, 1963.
- MH-1577 (R01) BALES, ROBERT F.: Prediction of interpersonal behavior from personality. Harvard University, Cambridge, Mass. (1957-60)
- STONE, P. J., and HUNT, E. B.: The General Inquirer extended: Automatic theme analysis using tree building procedures. In: IFIP Proceedings. Munich, 1962.
- MH-1578 (R17) FISHER, SEYMOUR: Relation of body image to body reactivity. Baylor University, Houston, Texas. (1957-62)
- CLEVELAND, S. E., and FISHER, S.: A comparison of psychological characteristics and physiological reactivity in ulcer and rheumatoid arthritis groups. I. Psychological measures. *Psychosomatic Medicine*, 22:283-289, 1960.
- FISHER, S.: Body image and asymmetry of body reactivity. *Journal of Abnormal and Social Psychology*, 57:292-298, 1958.
- FISHER, S.: Body reactivity gradients and figure drawing variables. *Journal of Consulting Psychology*, 23:54-59, 1959.
- FISHER, S.: Prediction of body exterior vs. body interior reactivity from a body image schema. *Journal of Personality*, 27:56-62, 1959.

- FISHER, S.: Body image boundaries in the aged. *Journal of Psychology*, 48:315-318, 1959.
- FISHER, S.: Extensions of theory concerning body image and body reactivity. *Psychosomatic Medicine*, 21:142-149, 1959.
- FISHER, S.: Right-left gradients in body image, body reactivity, and perception. *Genetic Psychology Monographs*, 61:197-228, 1960.
- FISHER, S.: Head-body differentiations in body image and skin resistance level. *Journal of Abnormal and Social Psychology*, 60:283-285, 1960.
- FISHER, S.: Hostility and perception of the horizontal. *Perceptual and Motor Skills*, 11:28, 1960.
- FISHER, S.: Front-back differentiations in body image and body reactivity. *Journal of General Psychology*, 64:373-379, 1961.
- FISHER, S.: Body image and upper vs. lower body sector reactivity. *Psychosomatic Medicine*, 23:400-402, 1961.
- FISHER, S.: Body image boundaries and hallucinations. In: West, J., ed. *Hallucinations*. New York, Grune & Stratton, 1962.
- FISHER, S., and ABERCROMBIE, J.: The relationship of body image distortions to body reactivity gradients. *Journal of Personality*, 26:320-330, 1958.
- FISHER, S., BOYD, I., WALKER, D., and SHEER, D.: Parents of schizophrenics, neurotics, and normals. *A. M. A. Archives of General Psychiatry*, 1:149-166, 1959.
- FISHER, S., and CLEVELAND, S. E.: Body image boundaries and sexual behavior. *Journal of Psychology*, 45:207-211, 1958.
- FISHER, S., and CLEVELAND, S.: Right-left body reactivity patterns in disorganized states. *Journal of Nervous and Mental Diseases*, 128:396-400, 1959.
- FISHER, S., and CLEVELAND, S. E.: A comparison of psychological characteristics and physiological reactivity in ulcer and rheumatoid arthritis groups II. Difference in physiological reactivity. *Psychosomatic Medicine*, 22:290-293, 1960.
- FISHER, S., and FISHER, R.: A developmental analysis of body image and body reactivity dimensions. *Child Development*, 30:389-402, 1959.
- MH-1586 (R01) LOW, NIELS L.: Mental retardation resembling phenylketonuria. University of Utah, Salt Lake City, Utah. (1957-59)
- LOW, N. L.: Infantile spasms and mental retardation. II. Treatment with cortisone and ACTH. *Pediatrics*, 22(6):1165-1169, 1958.
- LOW, N. L., BOSMA, J. F., ARMSTRONG, MARVIN D., and MADSEN, J. A.: Infantile spasms with mental retardation. I. Clinical observations and dietary experiments. *Pediatrics*, 22(6):1164, 1958. (Also acknowledges MH-655)
- POSER, C. M., and LOW, N. L.: Autopsy findings in 3 cases of infantile spasms. *Acta Paediatrica*, 695-706, 1960.
- MH-1588 (R01) MORIN, RICHARD D., and BENINGTON, FREDERICK: Chemical structure and photomimetic activity. Battelle Memorial Institute, Columbus, Ohio. (1957-63). (Continued in MH-7842).
- BENINGTON, F., MORIN, R. D., and CLARK, J. JR.: Mescaline analogs. IX. Tetra- and methyl-beta-phenethylamines. *Journal of Organic Chemistry*, 23:2034, 1958.
- BENINGTON, F., MORIN, R. D., and CLARK, J. JR.: Synthesis of some 5- and 6-chloro, 5-methyl- and 5, 6, 7-trimethyl derivatives of tryptamine. *Journal of Organic Chemistry*, 25:1542, 1960.
- BENINGTON, F., MORIN, R. D., and CLARK, J. JR.: Synthesis of some vicinal trimethoxy derivatives of heterocyclic nitrogen bases. *Journal of Organic Chemistry*, 24:1912, 1960.
- BENINGTON, F., MORIN, R. D., and CLARK, J. JR.: Mescaline analogs X. 2,4-dimethyl-3-chloro-, and 3,5-dimethoxy-4-methyl-beta-phenethylamines. *Journal of Organic Chemistry*, 25:2066, 1960.
- MH-1592 (R03) SUSSMAN, MARVIN B.: Roles in middle age. Western Reserve University, Cleveland, Ohio. (1957-58)
- SUSSMAN, MARVIN B.: Intergenerational family relationships and social role changes in middle age. *Journal of Gerontology*, 15(1):71-75, 1960.
- MH-1597 (R01) SCOTT, WILLIAM A.: The structure and origin of personal values. University of Colorado, Boulder, Colo. (1957-60)
- SCOTT, WILLIAM A.: Empirical assessment of values and ideologies. *American Sociological Review*, 24:299-310, 1959.
- SCOTT, WILLIAM A.: Cognitive consistency, reinforcement, and attitude change. *Social Forces*, 22:219-229, 1959.
- SCOTT, WILLIAM A.: International ideology and interpersonal ideology. *Public Opinion Quarterly*, 24:419-435, 1960.
- SCOTT, WILLIAM A.: Social desirability and individual conceptions of the desirable. *Journal of Abnormal and Social Psychology*, 67:574-581, 1963.
- SCOTT, WILLIAM S.: A study of fraternities and sororities. Values and organizations. Chicago, Ill., Rand McNally, 1965, 290 p.

- MH-1599 (R01) DOVENMUEHLE, ROBERT H., PARSONS, OSCAR A., and SPRING, FAYE: Criteria for effective psychiatric nursing therapy. Duke University, Durham, N.C. (1957-60)
- ALTROCCHI, J.: Interpersonal perceptions of repressors and sensitizers and a component analysis of assumed dissimilarity scores. *Journal of Abnormal and Social Psychology*, 62(3):528-534, 1961.
- ALTROCCHI, JOH., and EISDORFER, CARL: Changes in attitudes toward mental illness. *Mental Hygiene*, 45:563-570, 1961.
- ALTROCCHI, J., PARSONS, O. A., and DICKOFF, HILDA: Changes in self-ideal discrepancy in repressors and sensitizers. *Journal of Abnormal and Social Psychology*, 61:67-72, 1960.
- ALTROCCHI, J., and PERLITSH, HILDA D.: Ego control patterns and attribution of hostility. *Psychological Reports*, 12:811-816, 1963.
- ALTROCCHI, J., SHRAUGER, S., and MCLEOD, MARY ANN: Attribution of hostility to self and others by expressors, sensitizers, and repressors. (Abstract) *Journal of Clinical Psychology*, 20:233, 1964.
- BEHAR, LENORE, and ALTROCCHI, J.: Agreement of the concept of the ideal therapist as a function of experience. *Journal of Clinical Psychology*, 17:66-69, 1961.
- CULVER, CHARLES M., DUNHAM, FRANCES, and JOHNSON, BETTY SUE: A first course in interpersonal relations. *Nursing Forum*, 2(1):79-85, 1963.
- EISDORFER, C., and ALTROCCHI, J.: A comparison of attitudes toward old age and mental illness. *Journal of Gerontology*, 16:340-343, 1961. (Also acknowledges MH-900 and MH-2109).
- PARSONS, OSCAR A., ALTROCCHI, JOHN, and SPRING, FAYE E.: Discrepancies in interpersonal perception, adjustment and therapeutic skill. *Perceptual and Motor Skills*, 18:697-702, 1964.
- SPRING, FAYE E., and HERMAN, TURK: A therapeutic behavior scale. *Nursing Research*, 11(4):214-218, 1962.
- TURK, HERMAN: Instrumental values and the popularity of instrumental leaders. *Social Forces*, 39(3):58-67, 1961.
- TURK, HERMAN: Instrumental and expressive ratings reconsidered. *Sociometry*, 24(1):76-81, 1961.
- TURK, HERMAN, and TURK, TERESA: Personal sentiments in a hierarchy. *Social Forces*, 40(2):137-140, 1961.
- MH-1600 (R01) CLARK, MERVIN L.: Effect of ataractic agents on psychotic patients. University of Oklahoma, Oklahoma City, Okla. (1957-60)
- CLARK, M. L., RAY, T. S., and PAREDES, A.: Chlorpromazine in chronic schizophrenic women and a note on predicting response. *Transactions of the Sixth Research Conference on Chemotherapy Studies in Psychiatry and Research Approaches to Mental Illness (Veterans Administration)*, 6:331-339, 1961.
- CLARK, M. L., RAY, T. S., PAREDES, A., COSTILOE, J. P., CHAPPELL, J. S., HAGANS, J. A., and WOLF, S.: Chlorpromazine in chronic schizophrenic women: I. Experimental design and effects at maximum point of treatment. *Psychopharmacologia*, 2:107-136, 1961.
- CLARK, M. L., RAY, T. S., and RAGLAND, R. E.: Chlorpromazine in chronic schizophrenic women: Rate of onset and rate of dissipation of drug effects. *Psychosomatic Medicine*, 25(3):212-217, 1963. (Also acknowledges MH-4260).
- PAREDES, A., GOGERTY, J. H., and WEST, L. J.: Psychopharmacology. In: Masserman, J. H., ed. *Current psychiatric therapies*. Vol. 1. New York, Grune & Stratton, 1961, p. 54-85.
- PUGH, LAWRENCE A., RAY, THOMAS S., and OKLA, NORMAN: Behavior style categories of chronic schizophrenic women. *Archives of General Psychiatry*, 13(5):457-463, 1965. (Also acknowledges MH-4260).
- RAGLAND, R., and COSTILOE, J. P.: Letters to the Editor. On the analysis of repeated measurements of the same subjects. *Journal of Chronic Disease*, 16:1215-1220, 1963.
- RAY, T. S.: Electrodermal indications of levels of psychological disturbance in chronic schizophrenia. (Abstract) *American Psychologist*, 18:393, 1963.
- RAY, T. S., and CLARK, M. L.: Oklahoma Central State Griffin Memorial Hospital psychiatric patient behavioral rating scale. Oklahoma City, Central State Griffin Memorial Hospital Publications, 1962.
- RAY, T. S., RAGLAND, R. E., and CLARK, M. L.: Chlorpromazine in chronic schizophrenic women: Comparison of differential effects on various psychological modalities during and after treatment. *Journal of Nervous and Mental Disease*, 138:348-353, 1964. (Also acknowledges MH-4260).
- MH-1604 (R01) GOLLUB, LEWIS R., ANDREWS, T. G., BRADY, JOSEPH V., and ROSS, SHERMAN: Experimental studies in comparative psychopharmacology. University of Maryland, College Park, Md. (1957- )
- ASTIN, A. W., and ROSS, SHERMAN: Glutamic acid and human intelligence. *Psychological Bulletin*, 57:429-434, 1960.
- BRADY, J. V.: Animal experimental evaluation of drug effects upon behavior. *Federation Proceedings*, 17(4):1031-1043, 1958.

- BRADY, J. V.: Animal experimental evaluation of drug effects upon behavior. In: *Effects of pharmacological agents on the nervous system*. Baltimore, Md., Williams & Wilkins, 1959, p. 104-125.
- BRADY, J. V.: Procedures, problems and perspectives in animal behavioral studies of drug activity. In: *Psychopharmacology: Problems in evaluation*. Washington, D.C., National Academy of Sciences; National Research Council, 1959, p. 255-267.
- BRADY, J. V.: Temporal and emotional effects related to intercranial electrical self-stimulation. In: Ramey, E. R., and O'Doherty, D. S., eds. *Electrical studies on the unanesthetized brain*. New York, Hoeber, 1960.
- BRADY, J. V.: Emotional behavior. In: *Handbook of physiology*. Section 1: Neurophysiology, Vol. 3. Washington, D.C., American Physiological Society, 1960.
- BRADY, J. V.: Psychophysiology of emotional behavior. In: Bachrach, A. J., ed. *Experimental foundations of clinical psychology*. New York, Basic Books, 1962.
- BRADY, JOSEPH V., and BUNNELL, BRADFORD, N.: Behavior and the nervous system. In: Waters, Rolland H., Rethlingshafer, D. A., and Caldwell, Willard E., eds. *Principles of comparative psychology*. New York, McGraw-Hill, 1960, p. 355-377.
- BRADY, J. V., and CONRAD, D.: Some effects of limbic system self-stimulation upon conditioned emotional behavior. *Journal of Comparative and Physiological Psychology*, 53:128-137, 1960.
- BRADY, J. V., and CONRAD, D.: Some effects of brain stimulation on timing behavior. *Journal of the Experimental Analysis of Behavior*, 3:93-106, 1960.
- BRADY, J. V., and GELLER, I.: The effect of electroconvulsive shock on an extinguished "fear" response. *Science*, 133(3458):1080-1081, 1961.
- BRADY, J. V., HERRNSTEIN, R. J., and ROSS, SHERMAN: Behavioral effects of drugs on aversive and appetitive components of a reinforcement schedule. *American Psychologist*, 13:399, 1958.
- BRADY, J. V., and POLISH, E.: Performance changes during prolonged avoidance. *Psychological Reports*, 7:554, 1960.
- BRADY, J. V., and ROSS, SHERMAN: Testing drug effects on controlled animal and human behavior. In: Miller, J. G., and Uhr, Leonard, eds. *Drugs and behavior*. New York, John Wiley & Sons, 1960, p. 232-242.
- BROWN, H.: d-Amphetamine-chlorpromazine antagonism in a food reinforced operant. *Journal of the Experimental Analysis of Behavior*, 6:395-398, 1963.
- CLARK, ROBERT, SCHUSTER, C. R., and BRADY, J. V.: Instrumental conditioning of jugular self-infusion in the rhesus monkey. *Science*, 133(3467):1829-1830, 1961.
- COLE, JONATHAN O., ROSS, SHERMAN, and BOUTHLET, LORRAINE: Improvement of clinical drug evaluation reports. In: Kline, N. S., ed. *Psychopharmacology frontiers*. Boston, Little, Brown & Co., 1959, p. 217-231.
- DENENBERG, VICTOR H., PETROPOLUS, S. F., SAWIN, P. B., and ROSS, SHERMAN: Genetic physiological and behavioral background of reproduction in the rabbit. VI. Maternal behavior with reference to scattered and cannibalized newborn and mortality. *Behavior*, 15:71-76, 1959.
- DENENBERG, V. H., ROSS, SHERMAN, and ELLSWORTH, JOANNE: Effects of chlorpromazine on acquisition and extinction of a conditioned response in mice. *Psychopharmacologia*, 1:59-64, 1959.
- DENENBERG, VICTOR H., SAWIN, P. B., FROMMER, G. P., and ROSS, SHERMAN: Genetic physiological and behavioral background of reproduction in the rabbit. IV. An analysis of maternal behavior at successive parturitions. *Behavior*, 13:131-142, 1958.
- FINDLEY, J. D.: An intermediate restraining device for working with monkeys. *Journal of the Experimental Analysis of Behavior*, 2:121-125, 1959.
- FINDLEY, J. D.: Behavior output under chained fixed-ratio requirements in a 24-hour experimental space. *Journal of the Experimental Analysis of Behavior*, 2:258, 1959.
- FINDLEY, J. D.: An experimental outline for building and exploring multi-operant behavior repertoires. *Journal of the Experimental Analysis of Behavior*, 5(Suppl. 1):113-166, 1962.
- GOLLUB, LEWIS R.: The relations among measures of performance on fixed-interval schedules. *Journal of the Experimental Analysis of Behavior*, 7:337-342, 1964.
- GOLLUB, LEWIS R., and LEE, RICHARD M.: Response force under fixed-interval reinforcement. *Psychonomic Science*, 4(1):9-10, 1966.
- GONZALEZ, R. C., and ROSS, SHERMAN: Factors influencing the range of transposition in preverbal subjects. *American Journal of Psychology*, 66:742-746, 1958.
- GONZALEZ, R. C., and ROSS, SHERMAN: Effects of chlorpromazine on the course of discrimination-reversal learning in the rat. *Journal of Comparative and Physiological Psychology*, 54:645-648, 1961.

- HERRNSTEIN, R. J.: Effects of scopolamine on a multiple schedule. *Journal of the Experimental Analysis of Behavior*, 1:351-358, 1958.
- HERRNSTEIN, R. J.: Some factors influencing behavior in a two-response situation. *Transactions of the New York Academy of Sciences*, 21:35-45, 1958.
- HERRNSTEIN, R. J., and BEADY, J. V.: Interaction among components of a multiple schedule. *Journal of the Experimental Analysis of Behavior*, 1:293-300, 1958.
- KELLEHER, ROGER T., and GOLLUB, LEWIS R.: A review of positive conditioned reinforcement. *Journal of the Experimental Analysis of Behavior*, 5(Suppl.):543-597, 1962. (Also acknowledges MH-2094 and MH-2645).
- KRUGMAN, A. D., ROSS, SHERMAN, VICINO, F. L., and CLYDE, D. J.: A research note: Effects of dextro-amphetamine and meprobamate on problem-solving and mood of aged subjects. *Journal of Gerontology*, 15:419-420, 1960.
- LEE, RICHARD M.: Conditioning of a free operant response in Planaria. *Science*, 139:1048-1049, 1963.
- ROE, ANNE, GUSTAD, J. W., MORE, B. V., ROSS, SHERMAN, and SKODAK, MARIE: Graduate education in psychology. Washington, D.C., American Psychological Association, 1959, 98 p.
- ROSS, SHERMAN: What drugs do to animals and tissues. (Review of: Abramson, H. A. *Neuropharmacology*. New York, Josiah Macy Jr. Foundation, 1957.) *Contemporary Psychology*, 3: 104-105, 1958.
- ROSS, SHERMAN: Comparative drug-behavior analysis. In: Fisher, Seymour, ed. *Child research in psychopharmacology*. Springfield, Illinois, Charles C. Thomas, 1959, p. 137-151.
- ROSS, SHERMAN, and BRADY, J. V.: Drug action: Charting a course on its perilous sea. (Review of: Winkler, Abraham. *The relation of psychiatry to pharmacology*. Baltimore, Williams & Williams, 1957). *Contemporary Psychology*, 4:146-147, 1959.
- ROSS, SHERMAN, CHAMBERS, R. M., and DENENBERG, V. H.: Value profiles of biological science research apprentices. *American Institute of Biological Sciences Bulletin*, 9:16-19, 1959.
- ROSS, SHERMAN, and COLE, J. O.: Psychopharmacology. *Annual Review of Psychology*, 11:415-438, 1960.
- ROSS, SHERMAN, and DENENBERG, V. H.: Innate behavior. The organism in its environment. In: Waters, R. H., Rethlingshafer, D. A., and Caldwell, W. E., eds. *Principles of comparative psychology*. New York, McGraw-Hill, 1960, p. 43-73.
- ROSS, SHERMAN, DOOLANO, JOSEPH, and HACKMAN, R. C.: Conductance levels during vigilance task performance. *Journal of Applied Psychology*, 43:65-69, 1959.
- ROSS, SHERMAN, and RHOADES, MARION V.: Chlorpromazine effects on food intake in the rat. *Psychological Reports*, 9:639-642, 1961.
- ROSS, S., SAWIN, P. B., DENENBERG, V. H., and VOLOW, M.: Effects of previous experience and age on sound-induced seizures in rabbits. *International Journal of Neuropharmacology*, 2:255-258, 1963.
- ROSS, SHERMAN, SAWIN, P. B., DENENBERG, V. H., and ZARROW, M. X.: Maternal behavior in the rabbit: Yearly and seasonal variation in nest building. *Behavior*, 18:154-160, 1961.
- ROSS, S., SAWIN, P. B., ZARROW, M. X., and DENENBERG, V. H.: Maternal behavior in the rabbit. In: Rheingold, H. L., ed. *Maternal behavior in mammals*. New York, J. Wiley & Sons, 1963, p. 94-121.
- ROSS, SHERMAN, and SCHNITZER, S. B.: Further support for a placebo effect in the rat. *Psychological Reports*, 13:461-462, 1963.
- ROSS, SHERMAN, SCOTT, J. P., CHERNER, MARIA, and DENENBERG, V. H.: Effects of restraint and isolation on yelping behavior in puppies. *Animal Behaviour*, 8:1-5, 1960.
- ROSS, SHERMAN, VICINO, F., and KRUGMAN, A. D.: Effects of position in a display of problem solving ability in aged subjects. *Journal of Gerontology*, 15:191-194, 1960.
- SAWIN, P. B., DENENBERG, V. H., ROSS, SHERMAN, HATTE, E., and ZARROW, M. X.: Maternal behavior in the rabbit: Hair loosening during gestation. *American Journal of Physiology*, 5:1099-1102, 1960.
- SCHNITZER, S. B., and ROSS, SHERMAN: Effects of physiological saline injection on locomotor activity in C57 BL/6 mice. *Psychological Reports*, 6: 351-354, 1960.
- SCHNITZER, S. B., and ROSS, SHERMAN: Suppression of activity following physiological saline injection: Possible additional variables. *Psychological Reports*, 8:142, 1961.
- SCHUSTER, CHARLES R.: The discriminative control of operant behavior by interoceptive stimulation. *Dissertation Abstracts*, 24(1), 3 p., 1963.
- SCHUSTER, C. R., and ZIMMERMAN, J.: Timing behavior during prolonged treatment with dl-amphetamine. *Journal of Experimental Analysis of Behavior*, 4:327-333, 1961.
- SCOTT, J. P., ROSS, SHERMAN, FISHER, A. E., and KING, DAVID: Effects of early weaning on non-nutritional sucking in the dog. *Journal of Genetic Psychology*, 95:261-281, 1959.

- SEGAL, E. F.: Exteroceptive control of fixed-interval responding. *Journal of the Experimental Analysis of Behavior*, 5:49-57, 1962.
- SEGAL, E. F.: Effects of dl-amphetamine under concurrent VI DRL reinforcement. *Journal of the Experimental Analysis of Behavior*, 5:105-112, 1962.
- SEGAL-RECHTSCHAFFEN, E.: Reinforcement of mediating behavior on a spaced-responding schedule. *Journal of the Experimental Analysis of Behavior*, 6:39-46, 1963.
- SMITH, M. P., and ROSS, SHERMAN: Acceptance of sodium sucaryl by C57 black mice. *Journal of Genetic Psychology*, 96:101-104, 1960.
- SMITH, WENDELL I., and ROSS, SHERMAN: Note on food aversions and body build. *Psychological Reports*, 4:193-194, 1958.
- THOMAS, JOHN R.: Avoidance of time-out from two VI schedules of positive reinforcement. *Journal of the Experimental Analysis of Behavior*, 7:168, 1964.
- THOMAS, JOHN R.: Multiple baseline investigation of stimulus functions in an FR chained schedule. *Journal of the Experimental Analysis of Behavior*, 7:241-245, 1964.
- THOMAS, JOHN R.: Discrimination time-out avoidance in pigeons. *Journal of the Experimental Analysis of Behavior*, 8(5):329-338, 1965.
- THOMAS, JOHN R.: Time-out avoidance from a behavior-independent contingency. *Psychonomic Science*, 3(5):217-218, 1965.
- THOMPSON, TRAVIS I.: Visual reinforcement in Siamese fighting fish. *Science*, 141:55-57, 1963.
- THOMPSON, TRAVIS I.: Visual reinforcement in fighting cocks. *Journal of the Experimental Analysis of Behavior*, 7:45-49, 1964.
- THOMPSON, TRAVIS, and SCHUSTER, CHARLES R.: Morphine self-administration, food-reinforced, and avoidance behaviors in rhesus monkeys. *Psychopharmacologia*, 5:87-94, 1964.
- THOMPSON, T., SCHUSTER, C. R., DOCKENS, W., and LEE, R.: Mouth-operated food and water manipulanda for use with monkeys. *Journal of the Experimental Analysis of Behavior*, 7(2):171-172, 1964.
- WEINER, HAROLD, and ROSS, SHERMAN: Effects of "unwanted" signals and d-amphetamine sulfate on observer responses. *Journal of Applied Psychology*, 46:135-141, 1962.
- WEINER, H., and ROSS, S.: Effects of d-amphetamine sulfate on time and brightness perception in human subjects. *Psychopharmacologia*, 3:44-50, 1962.
- ZARROW, M. X., SAWIN, P. B., ROSS, S., DENENBERG, V. H.: Maternal behavior and endocrine basis in the rabbit. In: Bliss, E. L., *Roots of behavior: Genetics, instinct and socialization in animal behavior*. New York, Hoeber, 1962, p. 187-198.
- ZARROW, M. X., SAWIN, P. B., ROSS, S., DENENBERG, V. H., CRARY, D., WILSON, E. O., FAROOQ, A.: Maternal behaviour in the rabbit: Evidence for an endocrine basis of maternal nest building in the dutch-belted race. *Journal of Reproduction and Fertility*, 2:152-162, 1961.
- ZIMMERMAN, J.: Spaced responding in rats as a function of some temporal variables. *Journal of the Experimental Analysis of Behavior*, 4:224, 1961.
- ZIMMERMAN, J., and SCHUSTER, C. R.: Spaced responding in multiple DRL schedules. *Journal of the Experimental Analysis of Behavior*, 5:497-501, 1962.
- MH-1606 (R01) RIPPLE, LILIAN: Factors related to the use of casework service. University of Chicago, Chicago, Ill. (1957-60)
- RIPPLE, LILIAN, ALEXANDER, ERNESTINA, and POLEMIS, BERNICE: Motivation, capacity, and opportunity: Studies of casework theory and practice. Chicago, School of Social Service Administration, Social Service Monographs, Second Series, No. 3, 1964, 294 p.
- MH-1608 (R17) QUARTON, GARDNER C.: Effects of hormones on behavior. Harvard Medical School, Boston, Mass. (1957-63)
- HERMANN, HOWARD T., and QUARTON, GARDNER C.: Changes in alpha frequency with change in thyroid hormone level. *Electroencephalography and Clinical Neurophysiology*, 16:515-518, 1964.
- QUARTON, G. C.: Theoretical considerations in the analysis of psychophysiological data. *Annals of the New York Academy of Sciences*, 115:889, 1964. (Also acknowledges MH-5281)
- QUARTON, G. C., and TALLAND, G. A.: The effects of methamphetamine and pentobarbital on measures of attention. *Psychopharmacologia*, 66-71, 1962.
- TALLAND, GEORGE A., and QUARTON, GARDNER C.: The effects of methamphetamine and pentobarbital on the running memory span. *Psychopharmacologia*, 7(5):379-382, 1965.
- TALLAND, GEORGE A., and QUARTON, GARDNER C.: Methamphetamine and pentobarbital effects on human motor performance. *Psychopharmacologia*, 8(4):241-250, 1965. (Also acknowledges MH-3966).

- MH-1614 (R01) OLDS, JAMES: Primary drives and intracranial self-stimulation. University of Michigan, Ann Arbor, Mich. (1957-62)
- BOGACZ, J., ST. LAURENT, J., and OLDS, S.: Dissociation of self-stimulation and epileptiform activity. *Electroencephalography and Clinical Neurophysiology*, 19:75-87, 1965.
- LIDDELL, H. S., OLDS, J., and SPERRY, R. W.: Post-Pavlovian developments in conditioned reflexes. In: Brazier, M. A. B., ed. *The central nervous system and behavior: Transactions of the first conference*. New York, Josiah Macy, Jr. Foundation, 1959, p. 211-231.
- OLDS, J.: Adaptive functions of paleocortical and related structures. In: Harlow, H. F., and Woolsey, C. N., eds. *Biological and biochemical bases of behavior*. Madison, University of Wisconsin Press, 1958, p. 237-262.
- OLDS, J.: Selective effects of drives and drugs on "reward" systems of the brain. In: Wolstenholme, G. E. W., and O'Connor, C. M. *CIBA Foundation Symposium on Neurological Basis of Behavior*, July, 1957. London, 1958, p. 124-148.
- OLDS, J.: Effects of hunger and male sex hormone on self-stimulation of the brain. *Journal of Comparative and Physiological Psychology*, 51: 320-324, 1958.
- OLDS, J.: Satiation effects in self-stimulation of the brain. *Journal of Comparative and Physiological Psychology*, 51:675-678, 1958.
- OLDS, J.: Self-stimulation experiments and differentiated reward systems. In: Jasper, Herbert H., ed. *Reticular formation of the brain*. Henry Ford Hospital International Symposium. Boston, Little-Brown, 1958, p. 671-687.
- OLDS, J.: Self-stimulation of the brain. *Science*, 127:315-324, 1958.
- OLDS, J.: High functions of the nervous system. *Annual Review of Physiology*, 21:381-402, 1959.
- OLDS, J.: (Contribution on self-stimulation and self-injection.) In: Brazier, M. A. B., ed. *The central nervous system and behavior*. Transactions of the 1st Conference. New York, Josiah Macy Jr. Foundation, 1959, p. 293-303.
- OLDS, J.: Operant conditioning of single unit responses. (Abstract) *American Psychologist*, 15 (7):480, 1960.
- OLDS, J.: Differentiation of reward systems in the brain by self-stimulation techniques. In: Ramey, E. R., and O'Doherty, D. S., eds. *Electrical studies on the unanesthetized brain*. New York, Hoeber, 1960, p. 17-48.
- OLDS, J.: The induction and suppression of hypothalamic self-stimulation behavior by micro-injection of endogenous substances at the self-stimulation site. In: *Excerpta Medica International Congress*, Series 83, 1964, p. 597-605. (Proceedings of the 2nd International Congress of Endocrinology, London, Aug. 1964.) (Also acknowledges MH-2839).
- OLDS, JAMES: Operant conditioning of single unit responses. In: *Excerpta Medica International Congress*, Series 87, 1965, p. 372-380. (Proceedings of the 23rd International Congress of Physiological Sciences, Tokyo, Sept. 1965.) (Also acknowledges MH-2839).
- OLDS, J., and OLDS, M. E.: Effects of brain stimulation on learning sets in rats. (Abstract) *American Psychologist*, 13:408-409, 1958.
- OLDS, J., and OLDS, M. E.: Positive reinforcement produced by stimulating hypothalamus with iproniazid and other compounds. *Science*, 127(3307): 1175-1176, 1958.
- OLDS, J., and OLDS, M. E.: (Contribution on brain-stimulation and learning.) In: Brazier, M. A. B., ed. *The central nervous system and behavior*. Transactions of the 1st Conference. New York, Josiah Macy Jr. Foundation, 1959, p. 141-145.
- OLDS, J., and PERETZ, B.: Relation of arousal and motivational effects in reticular activating system. (Abstract) *Federation Proceedings*, 18(1):116, 1959.
- OLDS, J., and PERETZ, B.: A motivational analysis of the reticular activating system. *Electroencephalography and Clinical Neurophysiology*, 12:445-454, 1960.
- OLDS, J., and TRAVIS, R. P.: Relations of carisprodol and meprobamate to chlorpromazine in self-stimulation tests. In: Miller, James G., ed. *The pharmacology and clinical usefulness of carisprodol*. Detroit, Mich., Wayne State University, 1959, p. 39-50.
- SEWARD, J. P., UYEDA, A., and OLDS, J.: Resistance to extinction following cranial self-stimulation. *Journal of Comparative and Physiological Psychology*, 52:294-299, 1959.
- SEWARD, J. P., UYEDA, A. A., and OLDS, J.: Reinforcing effect of brain stimulation on runway performance as a function of interval between trials. *Journal of Comparative and Physiological Psychology*, 53(3):224-228, 1960.
- TRAVIS, R. P., and OLDS, J.: Two kinds of escape from midbrain stimulation. (Abstract) *American Psychologist*, 14:430, 1959.
- MH-1627 (R01) SIMMONS, OZZIE G., CATH, STANLEY H., FREEMAN, HOWARD E., JANKE, LEOTA L., MATTHEWS, DOROTHY M., NABOISEK, HERBERT, and SPENCER, KATHERINE: Community aspects of psychiatric rehabilitation. Harvard Medical School, Boston, Mass. (1957-62)

- FREEFMAN, HOWARD E.: Attitudes toward mental illness among relatives of former patients. *American Sociological Review*, 26:59-66, 1961.
- FREEFMAN, HOWARD E., and KASSEBAUM, GENE G.: The relationship of education and knowledge to opinions about mental illness. *Mental Hygiene*, 44:12-17, 1960.
- FREEFMAN, HOWARD E., and SIMMONS, OZZIE, G.: Mental patients in the community: Family settings and performance levels. *American Sociological Review*, 23:147-154, 1958. Also in: Apple, Dorian D., ed. *Sociological studies of health and sickness*. New York, McGraw-Hill, 1960, p. 210-221. Sarbin, Theodore R., ed. *Studies in behavior pathology*. New York, Holt, Rinehart, 1961, p. 315-320; Smelser, Neil J., and Smelser, William T., eds. *Personality and social systems*. New York, Wiley, 1963, p. 202-211.
- FREEFMAN, HOWARD E., and SIMMONS, OZZIE G.: Social class and posthospital performance levels. *American Sociological Review*, 24:345-351, 1959.
- FREEFMAN, HOWARD E., and SIMMONS, OZZIE G.: Social integration of former mental patients. *International Journal of Social Psychiatry*, 4:264-271, 1959.
- FREEFMAN, HOWARD E., and SIMMONS, OZZIE G.: The use of the survey in mental illness research. *Mental Hygiene*, 44:400-410, 1960.
- FREEFMAN, HOWARD E., and SIMMONS, OZZIE G.: Treatment experiences of mental patients and their families. *American Journal of Public Health*, 51:1266-1273, 1961. (Also acknowledges MH-9167).
- FREEFMAN, HOWARD E., and SIMMONS, OZZIE G.: Consensus and coalition in the release of mental patients: A research note. *Human Organization*, 20:89-91, Summer, 1961.
- FREEFMAN, HOWARD E., and SIMMONS, OZZIE G.: Feelings of stigma among relatives of former mental patients. *Social Problems*, 8:314-321, 1961. (Also acknowledges MH-9167).
- FREEFMAN, HOWARD E., and SIMMONS, OZZIE G.: The mental patient comes home. New York, Wiley, 1963, 309 p. (Also acknowledges MH-9167 and MH-9182).
- FREEFMAN, HOWARD E., SIMMONS, OZZIE, G., and BERGEN, BERNARD J.: Possessiveness as a characteristic of mothers of schizophrenics. *Journal of Abnormal and Social Psychology*, 58:271-273, 1959.
- FREEFMAN, HOWARD E., SIMMONS, OZZIE, G., and BERGEN, BERNARD J.: Residential mobility among families of mental patients. *Social Forces*, 38:320-324, 1960.
- SIMMONS, OZZIE G.: After hospitalization: The mental patient and his family. Austin, Texas, Hogg Foundation for Mental Health, 1960, 31 p.
- SIMMONS, OZZIE, G., and FREEFMAN, HOWARD E.: Familial expectations and posthospital performance of mental patients. *Human Relations*, 12:237-242, 1959.
- MH-1629 (R01) TAKETOMO, YASUHIKO: Indole compounds in cerebrospinal fluid. Rockland State Hospital, Orangeburg, N.Y. (1957-59)
- TAKETOMO, YASUHIKO: Modification of spectrofluorometer for scanning paper strips. *Nature*, 190:1094-1095, 1961.
- TAKETOMO, YASUHIKO: Separation of indole compounds of neuropsychiatric interest by means of spectrofluorophoretography. In: Wortis, Joseph, ed. *Recent advances in biological psychiatry*. Vol. 5. New York, Plenum Press, 1963, p. 19-210.
- MH-1630 (R01) LEVINE, SEYMOUR, KING, FRANK, ERICK A., MCCLUER, ROBERT H., PASAMANI, BENJAMIN, RETZLAFF, ERNEST, and ZEMKE, WOLFGANG: Effects of infantile experience on adult behavior. Columbus Psychiatric Institute and Hospital, Columbus, Ohio. (1957-61)
- GOLDMAN, A., ALPERT, M., LEVINE, S., and WITKOWSKI, A.: Production of persistent diabetes insipidus and panhypopituitarism in rats. *Endocrinology*, 71:36-43, 1962.
- KING, F. A., ACHENBACH, K. B., and LEVINE, S.: A fully automated shuttle box for avoidance conditioning. *Psychological Reports*, 9(Monograph Suppl. 3):377-390, 1961. (Also acknowledges MH-1639).
- LEVINE, SEYMOUR: Infantile experience and response to physiological stress. *Science*, 126:126-127, 1957.
- LEVINE, S.: The effects of differential infantile stimulation on emotionality at weaning. *Canadian Journal of Psychology*, 13:243-247, 1959.
- LEVINE, S.: Emotionality and aggressive behavior of the mouse as a function of infantile experience. *Journal of Genetic Psychology*, 94:77-83, 1957. (Also acknowledges MH-123 and MH-1051).
- LEVINE, S.: Stimulation in infancy. *Scientific American*, 200:81-86, 1960.
- LEVINE, S.: Some discomforting thoughts on infantile trauma, genetic thoughts, and adult temperament. *Journal of Abnormal and Social Psychology*, 63:219-220, 1961.
- LEVINE, S.: The effects of infantile stimulation on adult behavior. In: Bachrach, A., ed. *The experimental foundations of clinical psychology*. New York, Basic Books, 1962, p. 139-169.
- LEVINE, SEYMOUR: The psychophysiological effects of infantile stimulation. In: Bliss, E., ed. *Research in behavior*. New York, Hoeber, 1962, p. 253.



- LEVINE, S.: Plasma-free corticosteroid response to electric shock in rats stimulated in infancy. *Science*, 135:795-796, 1962.
- LEVINE, SEYMOUR: UCS intensity and avoidance learning. *Journal of Experimental Psychology*, 71(1):163-164, 1966.
- LEVINE, S., and ALPERT, M.: Differential maturation of the central nervous system as a function of early experience. *Archives of General Psychiatry*, 1:403-405, 1959.
- LEVINE, S., ALPERT, M., and LEWIS, G. W.: Infantile experience and the maturation of the pituitary adrenal axis. *Science*, 126:1347, 1957.
- LEVINE, S., ALPERT, M., and LEWIS, G. W.: Development of a stress response in infancy as a function of prior experience. *Journal of Comparative and Physiological Psychology*, 51:774-777, 1958.
- LEVINE, S., and COHEN, C.: Differential survival to leukemia as a function of infantile stimulation in DBA/2 mice. *Proceedings of the Society for Experimental Biology and Medicine*, 102:53-54, 1959.
- LEVINE, S., GOLDMAN, H., and ALPERT, M.: The effects of vasopressin on the adrenals and testes of lesioned and hypophysectomized rats. (Abstract) *Biochemical Pharmacology*, 8:104, 1961.
- LEVINE, S., and LEWIS, G. W.: The relative importance of experimenter contact in an effect produced by extra stimulation in infancy. *Journal of Comparative and Physiological Psychology*, 52:368-369, 1959.
- LEVINE, S., and LEWIS, G. W.: Critical period for the effects of infantile experience on the maturation of a stress response. *Science*, 129:42-43, 1959.
- LEVINE, SEYMOUR, and LEWIS, GEORGE W.: Developmental pattern of adrenal ascorbic acid in the rat. *Science*, 139:118-119, 1963.
- LEVINE, S., and OTIS, L. S.: The effects of handling during pre and post weaning on the resistance of the albino rat to deprivation in adulthood. *Canadian Journal of Psychology*, 12:103-108, 1958.
- LEVINE, S., and SOLIDAY, S.: The effects of hypothalamic lesions in traumatic avoidance learning. *Journal of Comparative and Physiological Psychology*, 53:497-501, 1960.
- LEVINE, S., and SOLIDAY, S.: Adrenal demedullation and avoidance learning. *Journal of Comparative and Physiological Psychology*, 55:214-16, 1962.
- LEVINE, S., STAATS, SARA, and FROMMER, GABRIEL: Studies on "Response by the rat to environmental change." *Psychological Reports*, 4:139-144, 1958.
- LEVINE, S., and WETZEL, A. B.: Infantile experiences, strain differences, and avoidance learning. *Journal of Comparative and Physiological Psychology*, 56:879-881, 1963.
- MH-1632 (R03) ROSS, ROBERT T.: Physical and mental growth of Mongoloid defectives. Sonoma State Hospital, Eldridge, Calif. (1957-57)
- ROSS, ROBERT T.: Mental growth of mongoloid defectives. *American Journal of Mental Deficiency*, 66:736-738, 1962.
- MH-1633 (R01) GEBHARD, PAUL H., CHRISTENSON, CORNELIA V., MARTIN, CLYDE E., and POMEROY, WARDELL: Studies of social deviancy. Indiana University, Bloomington, Ind. (1957-63)
- CHRISTENSON, CORNELIA V.: Premarital pregnancies and their outcome. *Journal of the National Association of Women Deans and Counselors*, 26(2): 29-33, 1963.
- GAGNON, JOHN H.: Wonder drugs, fear of venereal disease, infection, and sexual contact. In: *Proceedings of the World Forum on Syphilis and Other Treponematoses*. Washington, D.C., U.S. Department of Health, Education, and Welfare, 1964, p. 424-430.
- GAGNON, JOHN H.: Female child victims of sex offenses. *Social Problems*, 13(2):176-192, 1965.
- GEBHARD, PAUL H.: Situational factors affecting human sexual behavior. In: Beach, Frank A., ed. *Sex and behavior*. New York, John Wiley, 1965, p. 483-495.
- GEBHARD, PAUL H., and GAGNON, JOHN H.: Male sex offenders against very young children. *American Journal of Psychiatry*, 121:576-579, 1964.
- GEBHARD, PAUL H., GAGNON, JOHN H., POMEROY, WARDELL B., and CHRISTENSON, CORNELIA V.: Sex offenders. An analysis of types. New York, Harper & Row/Hoeber, 1965, 923 p.
- GEBHARD, PAUL H., POMEROY, WARDELL B., MARTIN, CLYDE E., and CHRISTENSON, CORNELIA V.: Pregnancy, birth and abortion. New York, Harper/Hoeber, 1958, 282 p.
- HEDWIG, LESER: The Hirschfeld Institute for Sexology. In: Ellis, A., and Lehfeldt, H., eds. *Encyclopedia of sexual behavior*. New York, Hawthorn Books, 1961, p. 967-970.
- POMEROY, WARDELL B.: An analysis of questions on sex. *Psychological Record*, 10(3):191-201, 1960.
- POMEROY, WARDELL B.: The institute for sex research. In: Ellis, A., and Lehfeldt, H., eds. *Encyclopedia of sexual behavior*. New York, Hawthorn Books, 1961, p. 970-975.
- POMEROY, WARDELL B.: Masturbation—attitudes and incidence. In: Duvall, Evelyn M., and Duvall, S. M., eds. *Sex ways—in fact and faith*. New York, Association Press, 1961, p. 166-184.

- POMEROY, WARDELL B.: The reluctant respondent. *Public Opinion Quarterly*, 27:287-293, 1963.
- POMEROY, WARDELL B.: Human sexual behavior. In: Farberow, Norman L., ed. *Taboo topics*. New York, Atherton Press, 1963, p. 22-32.
- MH-1637 (R01) MCCLUER, ROBERT H., PASAMANICK, BENJAMIN, and WOLFROM, MELVILLE L.: The biosynthesis of neuraminic acid. Columbus Psychiatric Institute and Hospital, Columbus, Ohio. (1957-60)
- JOHNSON, GARLAND A., KISTLER, CHARLES R., and MCCLUER, ROBERT H.: Metabolism of exogenous sialic acid in the rat. *Proceedings of the Society for Experimental Biology and Medicine*, 106:124-127, 1961.
- JOHNSON, G. A., and MCCLUER, R. H.: Relation of sialic acid to Rh<sub>0</sub> (D) antigen. *Proceedings of the Society for Experimental and Biological Medicine*, 107:692-694, 1961.
- MCCLUER, R. H., CORAM, E. H., and LEE, H. S.: A silicic acid adsorption method for the determination of ganglioside sialic acid. *Journal of Lipid Research*, 3(2):269-274, 1962.
- MH-1639 (R01) KING, FREDERICK A., LEVINE, SEYMOUR, MCCLUER, ROBERT, PASAMANICK, BENJAMIN, RITZLAFF, ERNEST, and ZEMAN, WOLFGANG: Behavioral and physiological effects of brain damage. Columbus Psychiatric Institute and Hospital, Columbus, Ohio. (1957-59) (Continued as MH-3118).
- KAELDING, R., KING, F. A., ACHENBACH, K., BRANSON, R., and PASAMANICK, B.: Reliability of autonomic responses. *Psychological Reports*, 6:143-163, 1960. (Also acknowledges MH-3118).
- KING, F. A., ACHENBACH, K. B., and LEVINE S.: A fully automated shuttle box for avoidance conditioning. *Psychological Reports*, 9(Monograph Suppl. 3):377-390, 1961. (Also acknowledges MH-1630).
- KING, F. A., and MEYER, P. M.: Effects of amygdaloid lesions upon septal hyperemotionality in the rat. *Science*, 128:655-656, September 19, 1958.
- MH-1648 (R01) WITHEY, STEPHEN B., and DOUVAN, ELIZABETH M.: Analysis of two national studies of adolescents. University of Michigan, Ann Arbor, Mich. (1957-58)
- DOUVAN, E.: Independence and identity in adolescents. *Children*, 4:186-190, 1957.
- DOUVAN, E.: Sex differences in adolescent: Character processes. *Merrill-Palmer Quarterly of Behavior and Development*, 6:203-211, 1960.
- DOUVAN, E.: Employment and the adolescent. In: Nye, Ivan, and Hoffman, Lois, eds. *The employed mother in America*. Chicago, Rand McNally, 1963, p. 142-164.
- DOUVAN, E., and ADELSON, J.: The psychodynamics of social mobility in adolescent boys. *Journal of Abnormal and Social Psychology*, 56(1):44, 1958.
- DOUVAN, E., and KAYE, C.: Motivational factors in college entrance. In: Sanford, N., ed. *American college*. New York, John Wiley, 1962, p. 199-224.
- WITHEY, STEPHEN B.: The influence of the group on the values of youth. In: Cook, S., ed. *Religious education: Review of recent research bearing on religious and character education*. New York, Religious Education Association, 1962, p. 34-44.
- MH-1650 (R03) DICE, LEE R.: Heredity of behavior types in peromyscus. Cranbrook Institute of Science, Bloomfield Hills, Mich. (1957-59)
- CLARK, P. J., and SPÜHLER, J. N.: Differentiability in relation to body dimensions. *Human Biology*, 31:121-137, 1959.
- DICE, LEE R., BARTO, ELIZABETH, and CLARK, PHILIP J.: Modifications of behaviour associated with inherited convulsions or whirling in strains of peromyscus. *Animal Behaviour*, 11:40-50, 1963. (Also acknowledges MH-3750, MH-2050).
- DICE, LEE R., and CLARK, PHILIP J.: Variations in measures of behavior among three races of peromyscus. *Contributions of the Laboratory of Insect Biology at the University of Michigan*, 1-28, 1962. (Also acknowledges MH-3750, MH-2050).
- MH-1653 (R03) NOBLE, MERRILL E., and MCDONALD R.: A comparative study of the optimal CS-UCS interval. State University of Kansas, Manhattan, Kan. (1957-57)
- NOBLE, M., GRUENDER, A., and MEYER, D.: Conditioning in fish (*Mollinisia* Sp) as a function of the interval between CS and US. *Journal of Comparative and Physiological Psychology*, 236-239, 1959.
- MH-1654 (R03) LIPPITT, RONALD: Mother employment and child's adjustment. University of Michigan, Ann Arbor, Mich. (1957-57)
- HOFFMAN, LOIS W.: Effects of maternal employment on the child. *Child Development*, 32:197, 1961. (Also acknowledges MH-1780)
- MH-1658 (R03) COSER, ROSE L.: Social functions of humor among mental hospital staff. Wellesley College, Wellesley, Mass. (1957-57)
- COSER, ROSE LAUB: Laughter among colleagues: A study of the social functions of humor among

- staff of a mental hospital. *Psychiatry*, 28:81-95, 1960.
- MH-1659 (R03) DENNIS, WAYNE: Infant care in selected New York institutions. Brooklyn College of the City University of New York, Brooklyn, N.Y. (1957-58)
- SAYEGH, Y., and DENNIS, W.: The effect of supplementary experiences upon the behavioral development of infants in institutions. *Child Development*, 36(1):81-90, 1965.
- MH-1664 (R01) LEARY, ROBERT W.: Transfer between normal and drugged states in monkeys. University of Oregon, Eugene, Ore. (1957-59) (Continued from MH-835).
- BIERNOFF, ALICE, LEARY, R. W., and LITTMAN, R. A.: Dominance behavior of paired primates in two settings. *Journal of Abnormal and Social Psychology*, 68(1):109-113, 1964.
- LEARY, R. W.: The temporal factor in reward and nonreward of monkeys. *Journal of Experimental Psychology*, 3(56):294-296, 1958. (Also acknowledges MH-835).
- LEARY, R. W., and LYNN, ELIZABETH: Discrimination by rhesus monkeys of patterns with asymmetrically placed cues. *Psychological Reports*, 9: 361-368, 1961.
- LEARY, R. W., and MARONEY, R. J.: The effect of home-cage environment on the social dominance of monkeys. *Journal of Comparative and Physiological Psychology*, 55(2):256-259, 1962.
- LEARY, R. W., and SLYE, DONALD: Dominance reversal in drugged monkeys. *Journal of Psychology*, 48:227-235, 1959.
- LEARY, R. W., and STYNES, A. J.: Tranquilizer effects in the social status, motivation, and learning of monkeys. *Archives of General Psychiatry*, 1: 499-505, 1959.
- LYNN, ELIZABETH, and LEARY, R. W.: Reinforcement procedure and cue location in pattern discriminations of monkeys. *Psychological Reports*, 11:83-90, 1962.
- MH-1665 (R10) MALITZ, SIDNEY, and ROIZIN, LEON: Effects of tranquilizing drugs on CNS. New York State Psychiatric Institute, New York, N.Y. (1957- )
- BUDNER, S. S., ESECOVER, H., and MALITZ, S.: The relationship of social, personality and psychiatric factors to choice of psychiatric therapy. *Comprehensive Psychiatry*, 5(5):327-334, 1964.
- COTTON, J. M., EAGLE, J. F., MALITZ, S., MARK, L. C., and ROSENFELD, I.: The use and abuse of tranquilizers. Transcription of a panel meeting on therapeutics. *Bulletin of the New York Academy of Medicine, Series II*, 37:176-201, 1961.
- ESECOVER, HAROLD, MALITZ, SIDNEY, and WILKENS, BERNARD: Clinical profiles of paid normal subjects volunteering for hallucinogen drug studies. *American Journal of Psychiatry*, 117:910-915, 1961.
- ESECOVER, HAROLD, TORRES, AURELIO, TAYLOR, REGINALD, WILKENS, BERNARD, and MALITZ, SIDNEY: Contingent alpha blocking and sensitization. *Nature*, 201:1247-1248, 1964.
- MALITZ, SIDNEY: The volunteer as a variable in psychotropic drug assessment: A follow-up study. In: Rothlin, E., ed. *Neuropsychopharmacology*. Amsterdam, Elsevier, 1961, p. 255-257.
- MALITZ, SIDNEY: Variables and drug effectiveness. In: Rinkel, Max, ed. *Specific and non-specific factors in psychopharmacology*. New York, Philosophical Library, 1962, p. 141-148.
- MALITZ, SIDNEY, ESECOVER, HAROLD, WILKENS, BERNARD, and HOCH, PAUL H.: Some observations on psilocybin, a new hallucinogen in volunteer subjects. *Comprehensive Psychiatry*, 1:8-17, 1960.
- MALITZ, SIDNEY, WILKENS, BERNARD, and ESECOVER, HAROLD: Preliminary evaluation of Tofranil in a combined in-patient and out-patient setting. *Canadian Psychiatric Association Journal*, 4:S152-S159, 1959.
- MALITZ, SIDNEY, WILKENS, BERNARD, and ESECOVER, HAROLD: A comparison of drug-induced hallucinations with those seen in spontaneously occurring psychoses. In: West, L. J., ed. *Hallucinations*. New York, Grune & Stratton, 1962, p. 50-63.
- ROIZIN, L., EROS, G., WEINBERG, F., ENGLISH, W. H., and WODRASKA, T.: Histopathologic findings in liver and C. N. S. following administration of tranquilizing drugs. *Diseases of the Nervous System, Monograph Suppl.—Section 2*, 20(5): 1-176, 1959.
- ROIZIN, L., KAUFMAN, M., and CASSELMAN, B.: Structural changes induced by neuroleptics. In: Extrapyrarnidal System and Neuroleptics (Canada), November:125-133, 1961.
- ROIZIN, LEON, TRUE, CHARLES, and KNIGHT, MARY: Structural effects of tranquilizers. In: Braceland, F. J., ed. *The effect of pharmacologic agents on the nervous system*. Vol. 37. Baltimore, Williams & Wilkens, 1959, p. 285-324.
- TORRES, AURELIO A.: Effects of chlorpromazine and amytal on hoarding in "shy" and "non-shy" rats. *Psychological Reports*, 14:359-365, 1964.
- WECHSLER, M. B.: Studies on oxidative phosphorylation and ATP-ase activity of fresh and frozen brain mitochondria. *Archives of Biochemistry and Biophysics*, 95:494-498, 1961. (Also acknowledges MH-1841).

- WECHSLER, MAGDALENA BERGER, and FORREST, IRENE S.: A quantitative method for the determination of chlorpromazine in tissues. *Journal of Neurochemistry*, 4:366-371, 1959.
- WECHSLER, M. B., FORREST, I. S., and TALAMBRAS, E.: Conversion of chlorpromazine in animal organs. (Abstract) *Federation Proceedings*, 24(2) Part 1:301, 1965.
- WECHSLER, MAGDALENA BERGER, and ROIZIN, LEON: Tissue levels of chlorpromazine in experimental animals. *Journal of Mental Science*, 106: 1501-1505, 1960.
- WILKENS, BERNARD, and MALITZ, SIDNEY: Some problems of dose variation in the use of tranquilizing drugs. *American Journal of Psychiatry*, 117:23-29, 1960.
- WILKENS, BERNARD, MALITZ, SIDNEY, GLUSMAN, MURRAY, and HOCH, PAUL H.: Pilot evaluation of Flexin as a tranquilizing agent in chronic mental disorders. *Psychiatric Quarterly*, 32:691-707, 1958.
- MH-1666 (R01) BAKER, GEORGE W., and WILLIAMS, HARRY B., JR.: Human behavior in disaster. National Academy of Sciences, Washington, D.C. (1957-61)
- BAKER, GEORGE W., and CHAPMAN, DWIGHT W., eds. *Man and society in disaster*. New York, Basic Books, 1962.
- BAKER, GEORGE W., and ROHRER, JOHN H., eds.: *Human problems in the utilization of fallout shelters: Studies of behavior in stressful environments*. Washington, D.C., National Academy of Sciences-National Research Council, 1960, 234 p. (Publication 800).
- BARTON, ALLEN H.: Social organization under stress: A sociological review of disaster studies. Disaster study No. 17. Washington, D.C., National Academy of Sciences-National Research Council, 1962, 208 p.
- BATES, F. L., FOGLEMEAN, C. W., PARENTON, V. J., PITTMAN, R. H., and TRACY, G. S.: The social and psychological consequences of a natural disaster: A longitudinal study of hurricane Audrey. Disaster study No. 18. Washington, D.C., National Academy of Sciences-National Research Council, 1963, 190 p.
- BEACH, H. D., and LUCAS, R. A., eds.: *Individual and group behavior in a coal mine disaster*. Disaster study No. 13. Washington, D.C., National Academy of Sciences-National Research Council, 1960, 160 p.
- DANZIG, ELLIOTT R., THAYER, PAUL W., and GALANTER, LILA R.: The effects of a threatening rumor on a disaster-stricken community. Washington, D.C., National Academy of Sciences-National Research Council, 1958, 116 p. (Publication No. 517).
- DISASTER RESEARCH GROUP: *Field studies of disaster behavior*. (An Inventory) Washington, National Academy of Sciences-National Research Council, 1961, 78 p. (Publication No. 896)
- FRITZ, CHARLES E.: *An inventory of field studies of human behavior in disasters*. Washington, National Academy of Sciences, National Research Council, 1959, 30 p.
- FRITZ, CHARLES E., and MATHEWSON, J. H.: *Divergence behavior in disasters: A problem in social control*. Washington, D.C., National Academy of Sciences, National Research Council, 1957, 47 p. (Publication No. 476).
- MACK, RAYMOND W., and BAKER, GEORGE W.: *Disaster: Is the occasion instant? The structure of social response to unanticipated air raid warnings*. Disaster study No. 15. Washington, D.C., National Academy of Sciences-National Research Council, 1961.
- PERRY, HELEN S., and PERRY, STEWART E.: *Schoolhouse disasters: Family and community determinants of the child's response to disaster*. Washington, D.C., National Academy of Sciences-National Research Council, 1959, 74 p. (Publication No. 554).
- RAYNER, JEANNETTE R.: How do nurses behave in disaster? *Nursing Outlook*, 6(10):572-579, 1958.
- MH-1668 (R03) NOTTERMAN, JOSEPH M.: *The action of acquired motor and autonomic behavior in disaster*. Princeton University, Princeton, N.J. (1957-58)
- NOTTERMAN, J. M., and MARTON, T.: Note on related behavioral and physiological indices of stress. *Psychological Reports*, 4:649-650, 1958.
- MH-1669 (R03) DEVEREUX, GEORGE: *Treatise on ethnopsychoanalysis*. Individual, New York, (1957-58)
- GUSSOW, ZACHARY: *Piblokton (hysteria) among the Polar Eskimo*. *Psychoanalytic Study Society*, 218-236, 1960.
- MH-1673 (R03) JACKSON, DON D.: *Family interaction in schizophrenia*. Palo Alto Medical Research Foundation, Palo Alto, Calif. (1957-58)
- JACKSON, DON D.: A note on the importance of trauma in the genesis of schizophrenia. *Psychiatry*, 20:181-184, 1957.
- JACKSON, DON D.: *Family interaction, family homeostasis and some implications for conjoint family psychotherapy*. In: Massermann, Jules, ed. *Individual and familial dynamics*. New York, Grune & Stratton, 1959, p. 122-141.
- JACKSON, DON D.: *The monad, the dyad, and the family therapy of schizophrenics*. In: Burton,

- thur, ed. *Psychotherapy of the psychoses*. New York, Basic Books, 1961, p. 318-328.
- JACKSON, DON D.: Family therapy in the family of the schizophrenic. In: Stein, Norris I., ed. *Contemporary psychotherapies*. Glencoe, Illinois, Free Press, 1962, p. 272-287.
- JACKSON, DON D., and WEAKLAND, J. H.: Schizophrenic symptoms and family interaction. *Archives of General Psychiatry*, 1:618-621, 1959.
- MH-1685 (R03) WEBB, WARREN W.: Eye movement and avoidance behavior in schizophrenia. Vanderbilt University, Nashville, Tenn. (1957-58)
- WEBB, W. W., MATHENY, A., and LARSON G.: Eye movements as a paradigm of approach and avoidance behavior. *Perceptual and Motor Skills*, 16:341-347, 1963. (Also acknowledges MH-2735).
- MH-1689 (R01) LAWRENCE, DOUGLAS H.: Study of discrimination learning. Stanford University, Stanford, Calif. (1957-64)
- LAWRENCE, D. H., and GESTINGER, L.: Deterrents and reinforcement: The psychology of insufficient reward. Stanford, Calif., Stanford University Press, 1962, 189 p.
- LAWRENCE, D. H., and HOMMEL, L.: The influence of differential goal boxes on discrimination learning involving delay of reinforcement. *Journal of Comparative and Physiological Psychology*, 54: 552-555, 1961.
- SCHOONARD, J., and LAWRENCE, D. H.: Resistance to extinction as a function of the number of delay of reward trials. *Psychological Reports*, 11:275-278, 1962.
- THEIOS, J., and POLSON, P.: Instrumental and goal responses in non-response partial reinforcement. *Journal of Comparative and Physiological Psychology*, 55:987-991, 1962.
- MH-1690 (R10) ASEKOFF, MYER, BROOKS, GEORGE W., GREENBLATT, MILTON, HAVENS, LESTON L., LEVINE, JULIUS, and MOORE, ROBERT FRANCIS: Drug and social therapy in chronic schizophrenia. Massachusetts Mental Health Center, Boston, Mass. (1957-64)
- BULLARD, DEXTER M., JR., and HOFFMAN, BARBARA R.: Factors influencing the discharge of chronic schizophrenic patients. In: Denber, Herman C. B., ed. *Research conference on therapeutic community*. Springfield, Ill., C. C. Thomas, 1960, p. 215-228.
- BULLARD, DEXTER M., JR., HOFFMAN, BARBARA R., and HAVENS, LESTON L.: The relative value of tranquilizing drugs and social and psychological therapies in chronic schizophrenia. *Psychiatric Quarterly*, 34(2):293-306, 1960.
- DEYKIN, EVA: The reintegration of the chronic schizophrenic patient discharged to his family and community as perceived by the family. *Mental Hygiene*, 45(2):235-246, 1961.
- DEYKIN, EVA: Discussion of paper by Dr. Rajotte and Dr. Denber: (Intensive follow-up study of fifty chronic relapsing psychotic female patients). In: Greenblatt, Milton, Levinson, Daniel, and Klerman, Gerald L., eds. *Mental patients in transition*. Springfield, Ill., Thomas, 1961, p. 151-154.
- EVANS, ANNE S.: The relationship of drugs and milieu in the treatment of chronic schizophrenia. Transactions of the Fifth Research Conference on Cooperative Chemotherapy Studies in Psychiatry and Research Approaches to Mental Illness. (Veterans' Administration-NIMH), 5:140-146, 1960.
- EVANS, ANNE S., and BULLARD, DEXTER M., JR.: The family as a potential resource in the rehabilitation of the chronic schizophrenic patient. *Mental Hygiene*, 44(1):64-73, 1960.
- EVANS, ANNE S., BULLARD, DEXTER M., JR., and SOLOMON, MAIDA H.: The family as a potential resource in the rehabilitation of the chronic schizophrenic patient: A study of 60 patients and their families. *American Journal of Psychiatry*, 117 (12):1075-1083, 1961.
- GREENBLATT, MILTON, LEEDS, WALTER, and LEVINE, JULIUS: Drug and social therapy in chronic schizophrenia. (Abstract) *Psychopharmacology Service Center Bulletin*, January 1961, p. 9-10.
- GRINSPOON, LESTER, and GREENBLATT, MILTON: Pharmacotherapy combined with other treatment methods. In: Proceedings of the 3rd World Congress of Psychiatry. Vol. 3. Montreal, University of Toronto Press/McGill University Press, 1961, p. 453-458.
- GRINSPOON, LESTER, and GREENBLATT, MILTON: Pharmacotherapy combined with other treatment methods. *Comprehensive Psychiatry*, 4(4):256-262, 1963.
- HUSETH, BRETE: Halfway houses—a new rehabilitation measure. *Mental Hospitals*, p. 5-8, Oct. 1958.
- KORNER, N. IJA, and ALLISON, ROGER B., JR.: Comparative study of metaphoric thinking. *Journal of Psychology*, 60(1):67-70, 1965.
- MH-1693 (R03) PASAMANICK, BENJAMIN, KNOBLOCK, HILDA, and MEYER, DONALD R.: Behavioral development in the infant gorilla. Columbus Psychiatric Institute and Hospital, Columbus, Ohio. (1957-58)
- KNOBLOCK, HILDA, and PASAMANICK, BENJAMIN: Gross motor behavior in an infant gorilla. *Jour-*

- nal of Comparative and Physiological Psychology*, 52:559-563, 1959.
- KNOBLOCH, HILDA, and PASAMANICK, BENJAMIN: The development of adaptive behavior in an infant gorilla. *Journal of Comparative and Physiological Psychology*, 52:699-704, 1959.
- MH-1695 (R03) LITTMAN, RICHARD A.: Genesis of social and emotional behavior in the rat. University of Oregon, Eugene, Ore. (1957-58)
- BROOKSHIRE, K., LITTMAN, R. A., and STEWART, C.: The interactive effects of promazine and post-weaning stress upon adult avoidance behavior. *Journal of Nervous and Mental Disease*, 135:52-58, 1962. (Also acknowledges MH-3801).
- LITTMAN, R. A., BROOKSHIRE, K., and STEWART, C.: Residua of shock trauma in the white rat. *Psychological Monographs*, 75(10), 1961. (Whole No. 514).
- LITTMAN, R. A., BROOKSHIRE, K., and STEWART, C.: Effects of weaning and adult trauma: Role of the adrenal gland in mediating a pure-shock effect. *Psychological Reports*, 9:247-254, 1961.
- MH-1697 (R01) WOOLLEY, D. W.: Serotonin content of tissues after antiserotonins. Rockefeller Institute, New York, N.Y. (1957-58)
- WOOLLEY, D. W., and EDELMAN, P. M.: Displacement of serotonin from tissues by a specific anti-metabolite. *Science*, 127:281-282, 1958.
- MH-1700 (R03) PRELINGER, ERNST, SCHAFER, ROY, and ZIMET, CARL: Character structure and selected ego functions. Yale University, New Haven, Conn. (1957-59)
- PRELINGER, ERNST, ZIMET, CARL, and LEVIN, MAX: An ego-psychological scheme for personality assessment. *Psychological Reports*, 7:182, 1960.
- ZIMET, CARL N.: Character defense preference and group therapy interaction. *A. M. A. Archives of General Psychiatry*, 3:168-175, 1960.
- MH-1711 (R01) SKINNER, BURRHUS F.: Analysis of complex behavioral processes. Harvard University, Cambridge, Mass. (1957-59)
- CANTANIA, A. C.: Effects of component duration on multiple schedule performance. *American Psychologist*, 16(7):414, 1961.
- CANTANIA, A. C.: Techniques for the control of monocular and binocular viewing in the pigeon. *Journal of the Experimental Analysis of Behavior*, 6:627-629, 1963.
- CATTELL, RAYMOND B., and DIGMAN, JOHN M.: A theory of the structure of perturbations in observer ratings and questionnaire data in personality research. *Behavioral Science*, 9(4):341-358, 1964.
- GOLLUB, LEWIS R.: A simple pulse shaper. *Journal of the Experimental Analysis of Behavior*, 1(2):122, 1958.
- GOLLUB, LEWIS R.: The control of wheel running by reinforcement and extinction. (Abstract) *American Psychologist*, 14:399, 1959.
- GOLLUB, LEWIS R.: Counter information. *Journal of the Experimental Analysis of Behavior*, 2(1):64, 1959.
- GOLLUB, LEWIS R.: Experimental flexibility. *Journal of the Experimental Analysis of Behavior*, 3(3):254, 1960.
- REYNOLDS, G. S.: Behavioral contrast. *Journal of the Experimental Analysis of Behavior*, 4(1):57-71, 1961.
- REYNOLDS, G. S.: An analysis of interactions in a multiple schedule. *Journal of the Experimental Analysis of Behavior*, 4(2):107-117, 1961.
- REYNOLDS, G. S.: Attention in the pigeon. *Journal of the Experimental Analysis of Behavior*, 4(3):203-208, 1961.
- REYNOLDS, G. S., CATANIA, A. C., and SKINNER, B. F.: Conditioned and unconditioned aggression in pigeons. *Journal of the Experimental Analysis of Behavior*, 6(1):73-74, 1963.
- SKINNER, B. F.: Reinforcement today. *American Psychologist*, 13:94-99, 1958.
- SKINNER, B. F.: Diagramming schedules of reinforcement. *Journal of the Experimental Analysis of Behavior*, 1:67-68, 1958.
- SKINNER, B. F., and MORSE, W. H.: Some factors involved in the stimulus control of operant behavior. *Journal of the Experimental Analysis of Behavior*, 1:103-107, 1958.
- SKINNER, B. F., and REYNOLDS, GEORGE S.: Technique for reinforcing either of two organisms with a single food magazine. *Journal of the Experimental Analysis of Behavior*, 5(1):58-59, 1962.
- MH-1712 (R03) BUERKLE, JACK V.: Factor analysis of the Yale marital interaction scale. Yale University, New Haven, Conn. (1957-58)
- BUERKLE, J. V. S., ANDERSON, THEODORE R., and BADGLEY, ROBIN F.: Altruism, role-conflict, and marital adjustment: A factor analysis of marital interaction. *Marriage and Family Living*, 23(1):20-26, 1961.
- MH-1713 (R03) BECKER, WESLEY C.: Reactive inhibition and extraversion-introversion. University of Illinois, Urbana, Ill. (1957-58)
- BECKER, W. C.: Cortical inhibition and extraversion-introversion. *Journal of Abnormal and Social Psychology*, 61:52-66, 1960.

- BECKER, W. C., and FREY, A. H.: Some personality correlates of subjects who fail to appear for experimental appointments. *Journal of Consulting Psychology*, 22(3):164, 1958.
- MH-1715 (R03) SMITH, ANTHONY J.: A developmental study of group processes. University of Kansas, Lawrence, Kans. (1957-57)
- SMITH, ANTHONY J.: A developmental study of group processes. *Journal of Genetic Psychology*, 97:29-39, 1960.
- MH-1718 (R01) KROEPSCH, ROBERT H., ENARSON, HAROLD L., and HEWITT, ROBERT T.: Western council for mental health training and research. Western Interstate Commission for Higher Education, Boulder, Colo. (1957-63)
- TEBOR, IRVING B., and SIRBU, GARY M.: A pilot project in California: Mental health summer work-study program. *Mental Hygiene*, 47:63-68, 1963.
- MH-1721 (R01) WORCHEL, PHILIP: The reduction of hostility, anxiety, and guilt. University of Texas, Austin, Texas. (1958-60)
- ROTHAUS, PAUL, and WORCHEL, PHILIP: Ego-support, communication, catharsis, and hostility. *Journal of Personality*, 32:296-312, 1964.
- MH-1722 (R03) DAVIDS, ANTHONY: Time orientation of disturbed and normal children. Emma Pendleton Bradley Hospital, East Providence, R.I. (1957-58)
- DAVIDS, ANTHONY, and WHITE, AUGUSTUS A.: Effects of success, failure and social facilitation on level of aspiration in emotionally disturbed and normal children. *Journal of Personality*, 26:79-93, 1958.
- MH-1725 (R01) MANSOUR, TAG E., and BUEDING, ERNEST: Mode of action in serotonin in invertebrates. Louisiana State University, New Orleans, La. (1957-58)
- MANSOUR, T. E.: Effect of serotonin on phenol oxidase from the liver fluke, *Fasciola hepatica*, and from other sources. *Biochemica et Biophysica Acta*, 30:492-500, 1958.
- MANSOUR, T. E.: Biochemical effects of serotonin in *Fasciola hepatica*. (Abstract) *Journal of Pharmacology and Experimental Therapeutics*, 122:48A, 1958.
- MANSOUR, T. E.: The effects of serotonin on the carbohydrate metabolism of *Fasciola hepatica*. In: *Proceeding of the International Congress of Biochemistry*. Vienna, 1958, p. 184.
- MANSOUR, T. E.: Studies on the carbohydrate metabolism of the liver fluke *Fasciola hepatica*. *Biochemica et Biophysica Acta*, 34:456-464, 1959.
- MANSOUR, T. E.: The effect of serotonin and related compounds on the carbohydrate metabolism of the liver fluke, *Fasciola hepatica*. *Journal of Pharmacology and Experimental Therapeutics*, 126:212-216, 1959.
- MANSOUR, T. E.: Actions of serotonin and epinephrine on intact and broken cell preparations from the liver fluke, "*Fasciola hepatica*." *Pharmacological Reviews*, 11:465-566, 1959.
- MANSOUR, T. E., LAGO, D. A., and HAWKINS, J. L.: Occurrence and possible role of serotonin in *Fasciola hepatica*. (Abstract) *Federation Proceedings*, 16(1)Part 1:319, 1957.
- MANSOUR, T. E., SUTHERLAND, E. W., RALL, T., and BUEDING, E.: The effect of serotonin on the formation of adenosine-3',5'-phosphate by tissue particles from the liver fluke, *Fasciola hepatica*. *Journal of Biological Chemistry*, 235:466-470, 1960.
- MH-1726 (R01) ERON, LEONARD D.: Psychosocial development of aggressive behavior. Rip Van Winkle Foundation, Hudson, N.Y. (1958-62)
- BANTA, T. J., and WALDER, L. O.: Discriminant validity of a peer-rating measure of aggression. *Psychological Reports*, 9:573-582, 1961.
- BANTA, T. J., WALDER, L. O., and ERON, L. D.: Convergent and discriminant validation of a child-rearing survey questionnaire. *Journal of Social Psychology*, 60:115-125, 1963.
- ERON, L. D.: The relationship of TV viewing habits and aggressive behavior in children. *Journal of Abnormal and Social Psychology*, 67:193-196, 1963.
- ERON, L. D., BANTA, T. J., WALDER, L. O., and LAULICHT, J. H.: Comparison of data obtained from mothers and fathers on childrearing practices and their relation to child aggression. *Child Development*, 32:457-472, 1961.
- ERON, L. D., LAULICHT, J. H., WALDER, L. O., FARBER, I. E., and SPIEGEL, J. P.: Application of role and learning theories to the study of the development of aggression in children. *Psychological Reports*, 9:291-334, 1961.
- ERON, L. D., and WALDER, L. O.: Test burning. *American Psychologist*, 16(5):237-244, 1961.
- ERON, L. D., WALDER, L. O., TEIGO, R., and LEFKOWITZ, M. M.: Social class and parental punishment for aggression and child aggression. *Child Development*, 34:849-867, 1963.
- LEFKOWITZ, M. M.: Some relationships between sex role preference of children and other parent and child variables. *Psychological Reports*, 10:43-53, 1962.
- LEFKOWITZ, M. M., and GREENE, H. E.: Obtaining components essential to a number of statistical

- analyses by use of the IBM accounting machine. *Educational and Psychological Measurement*, 21: 733-735, 1961.
- LEFKOWITZ, MONROE M., WALDER, LEOPOLD O., and ERON, LEONARD D.: Punishment, identification and aggression. *Merrill-Palmer Quarterly of Behavior and Development*, 9:159-174, 1963.
- Symposium. The application of role and learning theories to the study of the development of aggression in children. In: Proceedings of the Rip Van Winkle Clinic. Vol. 10, Nos. 1 and 2. Winter and Spring, 1959. Also in: *Psychological Reports*, 9:292-334, 1961.
- TOIGO, R.: An automatic correlation ratio program for the basic IBM 650 computer. *Educational and Psychological Measurement*, 21:733-735, 1961.
- TOIGO, R.: An IBM 650 computer program for the evaluation of a reciprocation index utilizing classroom data based upon unlimited choices obtained under a single sociometric criterion. *Educational and Psychological Measurement*, 22(3):613-615, 1962.
- TOIGO, R., WALDER, L. O., ERON, L. D., and LEFKOWITZ, M. M.: Examiner effect in the use of a near sociometric procedure in the third grade classroom. *Psychological Reports*, 11:785-790, 1962.
- WALDER, L. O., ABELSON, R. P., ERON, L. D., BANTA, T. J., and LAULICH, J. H.: Development of a peer-rating measure of aggression. *Psychological Reports, Monograph Supplement 4*, 9:497-556, 1961.
- WALDER, L. O., GREENE, H. E., and LEFKOWITZ, DONNA D.: A method for deriving "flexible" sociomatrices from response forms appropriate to children in the third grade. *Educational and Psychological Measurement*, 22(1):187-191, 1962.
- MH-1727 (R01) FRIEDMAN, ALFRED S.: Electroshock and the mecholyl test. Philadelphia Psychiatric Hospital, Philadelphia, Pa. (1957-59)
- FRIEDMAN, A. S., COWITZ, B., COHEN, H. W., and GRANICK, S.: Syndromes and themes of psychotic depression: A factor analysis. *Archives of General Psychiatry*, 9(5):504-509, 1963.
- MH-1732 (R03) MOLTZ, HOWARD: Imprinting and its relation to associative learning. Brooklyn College of the City University of New York, Brooklyn, N.Y. (1957-58)
- MOLTZ, H.: Imprinting: Empirical basis and theoretical significance. *Psychological Bulletin*, 57: 291-314, 1960. (Also acknowledges MH-2417)
- MOLTZ, H., and ROSENBLUM, L. A.: Imprinting and associative learning: The stability of the following response in Peking ducks (*Anas platyrhynchos*). *Journal of Comparative and Physiological Psychology*, 51:580-583, 1958.
- MOLTZ, H., and ROSENBLUM, L. A.: The relation between habituation and the stability of the following response. *Journal of Comparative Physiological Psychology*, 51:658-661, 1958.
- MOLTZ, H., ROSENBLUM, L. A., and HALIKAS, J.: Imprinting and level of anxiety. *Journal of Comparative and Physiological Psychology*, 52: 244, 1959.
- MH-1733 (R01) CATTELL, RAYMOND B., RICHARD W., and SCHEIER, IVAN H.: Development and influences of personality dimensions. University of Illinois, Urbana, Ill. (1957-58)
- CATTELL, R. B.: Personality and motivation: Structure and measurement. New York, Harper & Brace, 1957, 948 p.
- CATTELL, R. B.: Anxiety, extraversion and second-order personality factors in children. *Journal of Personality*, 27:464-476, 1959.
- CATTELL, R. B.: The multiple abstract variables analysis equations and solutions: For natural structure research on continuous variables. *Psychological Review*, 67(6):353-372, 1960.
- CATTELL, RAYMOND B.: Group theory, personality and role: A model for experimental research. In: Geldard, T. A., ed. *Defense psychology*. New York, Pergamon Press, 1961, p. 20.
- CATTELL, R. B.: Theory of situational, instructional, second-order and refraction factors in personality structure research. *Psychological Bulletin*, 67: 160-174, 1961.
- CATTELL, R. B.: Psychological measurement of anxiety and depression: A quantitative approach. *Canadian Psychiatric Association Journal*, 7: 23, 1962.
- CATTELL, R. B.: The basis of recognition and interpretation of factors. *Educational and Psychological Measurement*, 22:667-697, 1962.
- CATTELL, R. B.: Teacher's personality description of six-year-olds: A check on structure. *British Journal of Educational Psychology*, 33:219-235, 1963.
- CATTELL, R. B.: The interaction of hereditary and environmental influences. *British Journal of Statistical Psychology*, 16:191-210, 1963.
- CATTELL, R. B.: Personality, role, mood, and action-perception: A unifying theory of mood. *Psychological Review*, 70:1-18, 1963.
- CATTELL, R. B., and FOSTER, MERLIN J.: The plot program for multiple, single-plane and guided rotation. *Behavioral Science*, 8:1-10, 1963.
- CATTELL, R. B., and HOWARTH, E.: Hypothesis of the principal personality dimensions in c



- and tests constructed for them. *Journal of Genetic Psychology*, 101:145-163, 1962.
- CATTELL, R. B., and HOWARTH, E.: Verification of objective test personality factor patterns in middle childhood. *Journal of Genetic Psychology*, 104: 331-349, 1964.
- CATTELL, R. B., KNAPP, R. R., and SCHEIER, I. H.: Second-order personality factor structure in the objective test realm. *Journal of Consulting Psychology*, 25(4):345-352, 1961.
- CATTELL, R. B., and PETERSON, D. R.: Personality structure in 4-5 year olds, by factoring observed, time-sampled behavior. *Rassegna di Psicologia Generale e Clinica*, 3:3-21, 1958.
- CATTELL, R. B., and PETERSON, D. R.: Personality structure in four and five year olds in terms of objective tests. *Journal of Clinical Psychology*, 15:355-369, 1959.
- CATTELL, R. B., PICHOT, P., and RENNES, P.: Constance interculturelle des facteurs de personnalité mesurés par le test 16 P. F. II. Comparaison Franco-Américaine. *Revue de Psychologie Appliquée*, 11(3):165-196, 1961.
- CATTELL, R. B., and RADCLIFFE, J. A.: Reliabilities and validities of simple and extended weighted and buffered unifactor scales. *British Journal of Statistical Psychology*, 15:113-128, 1962.
- CATTELL, R. B., and RICKELS, K.: Diagnostic power of IPAT objective anxiety neuroticism tests. *Archives of General Psychiatry*, 11:459-465, 1964. (Also acknowledges MH-2934)
- CATTELL, RAYMOND B., RICKELS, KARL, WEISE, C., GRAY, B., and YEE, R.: The effects of psychotherapy upon measured anxiety and regression. *American Journal of Psychotherapy*, 20(2):261-269, 1966. (Also acknowledges MH-2934)
- CATTELL, R. B., and SCHEIER, I. H.: The nature of anxiety: A review of thirteen multivariate analyses comprising 814 variables. *Psychological Reports*, Monograph Supplement 5:351-388, 1958.
- CATTELL, R. B., and SCHEIER, I. H.: Extension of meaning of objective test personality factors: Especially into anxiety, neuroticism, questionnaire, and physical factors. *Journal of General Psychology*, 61:287-315, 1959.
- CATTELL, R. B., and SCHEIER, I. H.: Stimuli related to stress, neuroticism, excitation, and anxiety response patterns: Illustrating a new multivariate experimental design. *Journal of Abnormal and Social Psychology*, 60:195-204, 1960.
- CATTELL, RAYMOND B., and SCHEIER, IVAN H.: The meaning and measurement of neuroticism and anxiety. New York, Ronald Press, 1961, 535 p.
- CATTELL, RAYMOND B., and TSUJIOKA, BIEN: The importance of factor-trueness and validity, versus homogeneity and orthogonality, in test scales. *Educational and Psychological Measurement*, 24(1):3-30, 1964.
- CATTELL, R. B., and WARBURTON, F. W.: A cross-cultural comparison of patterns of extraversion and anxiety. *British Journal of Psychology*, 52(2):3-16, 1961.
- HURLEY, JOHN R., and CATTELL, R. B.: The Procrustes program: Producing direct rotation to test a hypothesized factor structure. *Behavioral Science*, 7(2):258-262, 1962.
- RICKELS, KARL, and CATTELL, RAYMOND B.: The clinical factor validity and trueness of the IPAT verbal and objective batteries for anxiety and regression. *Journal of Clinical Psychology*, 21(3): 257-264, 1965. (Also acknowledges MH-2934)
- SCHEIER, I. H., and CATTELL, R. B.: Confirmation of objective test factors and assessment of their relation to questionnaire factors: A factor analysis of 113 rating, questionnaire and objective test measurements of personality. *Journal of Mental Science*, 104:608-624, 1958.
- SCHEIER, I. H., CATTELL, R. B., and HORN, J.: Objective test factor U.I. 23: Its measurements and its relation to clinically-judged neuroticism. *Journal of Clinical Psychology*, 16:135-145, 1960.
- SCHEIER, IVAN H., CATTELL, RAYMOND B., and SULLIVAN, WILLIAM P.: Predicting anxiety from clinical symptoms of anxiety. In: Bigelow, Newton, ed. *Psychiatric quarterly supplement*. Part 1. Utica, New York, Utica State Hospital, 1961, p. 1-13.
- MH-1734 (R01) BANDURA, ALBERT: Family patterns and child behavior disorders. Stanford University, Stanford, Calif. (1957-60)
- BANDURA, A.: The role of imitation in personality development. *Journal of Nursery Education*, 18: 207-215, 1963. (Also acknowledges MH-4398 and MH-5162)
- BANDURA, A., and HUSTON, ALETHA C.: Identification as a process of incidental learning. *Journal of Abnormal and Social Psychology*, 63:311-318, 1961.
- BANDURA, A., and WALTERS, R. H.: Social learning and personality development. New York, Holt, Rinehart & Winston, 1963.
- CAIRNS, R. B.: The influence of dependency inhibition on the effectiveness of social reinforcers. *Journal of Personality*, 29:466-488, 1961.
- MH-1737 (R01) SKARD, ASH G., ECKHOFF, EVA, and NODLAND, THORALV SCHEIE: Children's personality development. University of Oslo, Oslo, Norway. (1958-62)

- ECKHOFF, EVA, and GAUSLAA, J.: Kjaerlighet og trygghet i oppdragelsen av gutter og piker. *Tidsskrift for Samfunnsforskning*, No. 4, Oslo, 1960.
- ECKHOFF, EVA, GAUSLAA, J., and BALDWIN, A. L.: Parental behavior towards boys and girls of pre-school age. *Acta Psychologica*, 18:85-99, 1961.
- HAGGARD, E., BREKSTAD, ARNE, and SKARD, A. G.: On the reliability of the anamnestic interview. *Journal of Abnormal and Social Psychology*, 61 (3):311-318, 1960.
- JOHANNESSEN, FRITZ: Some aspects of Rorschach responses in a group of Norwegian children at three age levels. *Acta Psychologica*, 24:371-386, 1965.
- SKARD, ASE GRUDA, and BREKSTAD, ARNE: Finger-mouth-contact in relation to feeding and weaning in early childhood. In: Schenk-Danzinger, Lotte, and Thomas, H., eds. *Gegenwarts probleme der Entwicklungspsychologie Festschrift für Charlotte Bühler*. Göttingen, Verlag für Psychologie, 1963.
- SKARD, ASE GRUDA, et al.: Longitudinal research in personality development. In: David, H. P., and Brengelmann, J. C., eds. *Perspectives in personality research*. New York, Springer, 1960.
- MH-1738 (R03) BRONFENBRENNER, URIE: Identification and family structure. Cornell University, Ithaca, N.Y. (1957-58)
- BRONFENBRENNER, U.: The study of identification through interpersonal perception. In: Tagiuri, R., and Petrullo, L., eds. *Person perception and interpersonal behavior*. Stanford, Calif., Stanford University, 1958, p. 110-130.
- BRONFENBRENNER, U.: Some familial antecedents of responsibility and leadership in adolescents. In: Petrullo, L., and Bass, B. M., eds. *Leadership and interpersonal behavior*. New York, Holt, Rinehart & Wiston, 1961, p.239-272.
- MH-1742 (R03) DINSMOOR, JAMES A.: Screening technique for tranquilizing agents. Indiana University, Bloomington, Ind. (1957-58)
- DINSMOOR, JAMES A., and WINOGRAD, EUGENE: Shock intensity in variable-interval escape schedules. *Journal of the Experimental Analysis of Behavior*, 1:145-148, 1958.
- MH-1745 (R03) HOLLINGSHEAD, AUGUST B., and RASHEVSKY, N.: Mathematical models and mental illnesses. Yale University, New Haven, Conn. (1957-57)
- HOLLINGSHEAD, AUGUST B.: Some issues in the epidemiology of schizophrenia. *American Sociological Review*, 26:5-13, 1961.
- RESHEVSKY, N., and HOLLINGSHEAD, AUGUST B.: Sociological variables and institutionalization of mental patients. In: Proceedings of the 5th meeting of Conference on Social and Physical Variables as Determinants of Mental Health. Washington, D.C., Public Health Service, 1958, p. 142-153.
- MH-1747 (R03) SIGEL, IRVING E., and HOFFMAN, MARTIN L.: Psychological significance of influence techniques. Merrill Palmer Institute, Detroit, Mich. (1957-57)
- SIGEL, I. E.: Influence techniques: A concept used to study parental behaviors. *Child Development*, 31:799-806, 1960.
- MH-1750 (R01) HOLLINGSHEAD, AUGUST B., and AGUIAR, MANUEL A. TORRES: Mental health and its sociocultural environment. University of Puerto Rico, Rio Piedras, P.R. (1958-60)
- HOLLINGSHEAD, AUGUST B., and ROGIER, LLOYD H.: Lower socio-economic status and mental illness. *Sociology and Social Research*, 46(4):387-396, 1962.
- HOLLINGSHEAD, AUGUST B., and ROGIER, LLOYD H.: Attitudes toward slums and public housing in Puerto Rico. In: Duhl, Leonard, ed. *The urban condition*. New York, Basic Books, 1963, p. 229-245.
- ROGLER, LLOYD H., and HOLLINGSHEAD, AUGUST B.: Algunos observaciones sobre el espiritismo y las enfermedades mentales entre Puertorriqueños de clase baja. *Revista de Ciencias Sociales*, 4(1): 141-150, 1960.
- ROGLER, LLOYD H., and HOLLINGSHEAD, AUGUST B.: Class and disordered speech in the mentally ill. *Journal of Health and Human Behavior*, 2: 178-185, 1961.
- ROGLER, LLOYD H., and HOLLINGSHEAD, AUGUST B.: The Puerto Rican spiritualist as a psychiatrist. *American Journal of Sociology*, 67(1):17-21, 1961. Also in: Smelser, Neil J., and Smelser, William T., eds. *Personality and social system*. New York, Wiley, 1963.
- ROGLER, LLOYD H., HOLLINGSHEAD, AUGUST B., and TORRES AGUIAR, MANUEL A.: Las clases sociales y la comunicacion de ideas de los enfermos mentales. *Revista de Ciencias Sociales*, 3(1): 119-131, 1959.
- MH-1752 (R01) BROOKS, GEORGE W., CHITTICK, RUPERT A., SCHUMACHER, GEORGE, and WEAVER, LELON A.: Psychomotor performance and mental disorder. University of Vermont, Burlington, Vt. (1957-63)
- BROOKS, G. W.: Definitive ataractic therapy in the rehabilitation of chronic schizophrenic patients: A preliminary report on the use of trifluoperazine. In: Brill, Henry ed. *Trifluoperazine clinical and pharmacological aspects*. Philadelphia, Lea and Febiger, 1958, p. 54-61.

- BROOKS, G. W.: Withdrawal from neuroleptic drugs. *American Journal of Psychiatry*, 115:931-932, 1959.
- BROOKS, G. W., and MACDONALD, M. GLENN: Effects of trifluoperazine in aged depressed female patients. *Clinical Notes*, 932-933, April, 1961.
- BROOKS, GEORGE W., and WEAVER, LELON A., JR.: Some relations between psychiatric and psychomotor behavior changes associated with tranquilizing medications. *Comprehensive Psychiatry*, 2(4): 203-210, 1961.
- BROOKS, G., WEAVER, L., RAVARIS, C., and McDONALD, M.: The effect of potassium on phenothiazine-induced extrapyramidal system dysfunction. *American Journal of Psychiatry*, 119:1096-1097, 1963.
- RAVARIS, C. L., WEAVER, L. A., and BROOKS, G. W.: A controlled study of fluphenazine enanthate in chronic schizophrenic patients. *Diseases of the Nervous System*, 26:33-39, 1965.
- WEAVER, LELON A., JR.: Psychomotor performance of clinically differentiated chronic schizophrenics. *Perceptual and Motor Skills*, 12:27-33, 1961.
- WEAVER, LELON A., JR., and BROOKS, G. W.: The effects of drug-induced Parkinsonism on the psychomotor performance of chronic schizophrenics. *Journal of Nervous and Mental Disease*, 133(2): 148-154, 1961.
- WEAVER, L., and BROOKS, G.: The use of psychomotor tests in predicting the rehabilitation potential of chronic schizophrenics. *Journal of Neuropsychiatry*, 5:170-180, 1964.
- MH-1753 (R01) DENENBERG, VICTOR H.: Effects of early experience and age upon learning. Purdue University, Lafayette, Ind. (1957-63)
- BELL, R. W., and DENENBERG, V. H.: The interrelationships of shock and critical periods in infancy as they affect adult learning and activity. *Animal Behavior*, 11:21-27, 1963.
- DENENBERG, V. H.: Effects of age and early experience upon conditioning in the C57BL/10 mouse. *Journal of Psychology*, 46:211-226, 1958.
- DENENBERG, V. H.: Interactive effects of infantile and adult shock levels upon learning. *Psychological Reports*, 5:357-364, 1959.
- DENENBERG, V. H.: Learning differences in two separated lines of mice. *Science*, 130:451-452, 1959.
- DENENBERG, VICTOR H.: A test of the critical period hypothesis and a further study of the relationship between age and conditioning in the C57B/10 mouse. *Journal of Genetic Psychology*, 97:379-384, 1960.
- DENENBERG, VICTOR H.: The effects of early experience upon learning. *Journal of Experimental Psychology*, 59:429-430, 1960.
- DENENBERG, V. H., and KARAS, G. G.: Effects of differential infantile handling upon weight gain and mortality in the rat and mouse. *Science*, 130:629-630, 1959.
- DENENBERG, V. H., and KARAS, G. G.: Supplementary report: The Yerkes-Dodson Law and shift in task difficulty. *Journal of Experimental Psychology*, 59:429-430, 1960.
- DENENBERG, VICTOR H., and KARAS, G. G.: Interactive effects of age and duration of infantile experience on adult learning. *Psychological Reports*, 7:313-322, 1960.
- DENENBERG, VICTOR H., and KARAS, G. G.: Interactive effects of infantile and adult experiences upon weight and mortality in the rat. *Journal of Comparative and Physiological Psychology*, 54: 685-689, 1961.
- DENENBERG, VICTOR H., and KLINE, N. J.: Stimulus intensity versus critical periods: A test of two hypotheses concerning infantile stimulation. *Canadian Journal of Psychology*, 18:1-5, 1964.
- DENENBERG, VICTOR H., and MORTON, J. R. C.: Effects of environmental complexity and social groupings upon modification of emotional behavior. *Journal of Comparative and Physiological Psychology*, 55:242-246, 1962.
- DENENBERG, V. H., and MORTON, J. R. C.: Effects of environmental complexity and social groupings upon modification of emotional behavior. *Journal of Comparative and Physiological Psychology*, 55:242-246, 1962.
- DENENBERG, VICTOR H.: An attempt to isolate critical periods of development in the rat. *Journal of Comparative and Physiological Psychology*, 55: 813-815, 1962.
- DENENBERG, V. H.: Effects of avoidable and unavoidable electric shock upon mortality in the rat. *Psychological Reports*, 14:43-46, 1964.
- DENENBERG, VICTOR H.: Critical periods, stimulus input, and emotional reactivity: A theory of infantile stimulation. *Psychological Review*, 71(5): 335-351, 1964.
- DENENBERG, VICTOR H.: Behavioral differences in two closely related lines of mice. *Journal of Genetic Psychology*, 106:201-205, 1965.
- DENENBERG, VICTOR H., and BELL, R. W.: Critical periods for the effects of infantile experience on adult learning. *Science*, 131:227-228, 1960.
- DENENBERG, VICTOR H., CARLSON, P. V., and STEPHENS, M. W.: Effects of infantile shock upon emotionality at weaning. *Journal of Comparative and Physiological Psychology*, 56:819-820, 1962.
- DENENBERG, V. H., GROTA, L. J., and ZARROW, M. X.: Maternal behaviour in the rat: Analysis of cross-fostering. *Journal of Reproduction and Fertility*, 5:133-141, 1963.

- upon problem-solving behavior. *Journal of Comparative and Physiological Psychology*, 55:1096-1098, 1962.
- DENENBERG, VICTOR H., MORTON, J. R. C., KLINE, N. J., and GROTA, L. J.: Effects of duration of infantile stimulation upon emotionality. *Canadian Journal of Psychology*, 16:72-76, 1962.
- DENENBERG, VICTOR H., OTTINGER, D. R., and STEPHENS, M. W.: Effects of maternal factors upon growth and behavior of the rat. *Child Development*, 33:65-71, 1962.
- DENENBERG, VICTOR H., and SMITH, S. A.: Effects of infantile stimulation and age upon behavior. *Journal of Comparative and Physiological Psychology*, 56:307-312, 1963.
- DENENBERG, VICTOR H., and WHIMBLEY, ARTHUR: Infantile stimulation and animal husbandry: A methodological study. *Journal of Comparative and Physiological Psychology*, 56:877-878, 1963.
- KARAS, G. G., and DENENBERG, V. H.: The effects of duration and distribution of infantile experience on adult learning. *Journal of Comparative and Physiological Psychology*, 54:170-174, 1961.
- MORTON, J. R. C., DENENBERG, V. H., and ZARROW, M. X.: Modification of sexual development through stimulation in infancy. *Endocrinology*, 72:439-442, 1963.
- OTTINGER, D. R., DENENBERG, V. H., and STEPHENS, M. W.: Maternal emotionality, multiple mothering, and emotionality in maturity. *Journal of Comparative and Physiological Psychology*, 56:313-317, 1963.
- MH-1758 (R01) CHILD, IRVIN L.: Preoccupations, overt behavior, and socialization. Yale University, New Haven, Conn. (1957-58)
- BACON, MARGARET K., BARRY, HERBERT, III, and CHILD, IRVIN L.: A cross-cultural study of drinking: II. Relations to other features of culture. *Quarterly Journal of Studies on Alcohol*, Suppl. No. 3:29-48, April 1965. (Also acknowledges MH-2681)
- BACON, MARGARET K., BARRY, HERBERT, III, CHILD, IRVIN L., and SNYDER, CHARLES R.: A cross-cultural study of drinking: V. Detailed definitions and data. *Quarterly Journal of Studies on Alcohol*, Suppl. No. 3:78-114, April 1965. (Also acknowledges MH-2681)
- BARRY, HERBERT, III, BUCHWALD, CHARLES, CHILD, IRVIN L., and BACON, MARGARET K.: A cross-cultural study of drinking: IV. Comparisons with Horton ratings. *Quarterly Journal of Studies on Alcohol*, Suppl. No. 3:62-77, April 1965. (Also acknowledges MH-2681)
- CHILD, IRVIN L., BACON, MARGARET K., and BARRY, HERBERT, III: A cross-cultural study of drinking: I. Descriptive measurements of drinking customs. *Quarterly Journal of Studies on Alcohol*, Suppl. No. 3:1-28, April 1965. (Also acknowledges MH-2681)
- CHILD, IRVIN L., BARRY, HERBERT, III, and BACON, MARGARET K.: A cross-cultural study of drinking: III. Sex differences. *Quarterly Journal of Studies on Alcohol*, Suppl. No. 3:49-61, April 1965. (Also acknowledges MH-2681)
- MH-1759 (R01) BOURNE, LYLE E., JR.: Information feedback variables in concept formation. University of Utah, Salt Lake City, Utah. (1957-58)
- BATTIG, W. F., and BOURNE, L. E., JR.: Concept identification as a function of intra- and interdimensional variability. *Journal of Experimental Psychology*, 61:329-333, 1961.
- BOURNE, L. E., JR.: Supplementary report: Effect of redundant relevant information upon the identification of concepts. *Journal of Experimental Psychology*, 61:259-260, 1961.
- BOURNE, L. E., JR.: Some factors affecting strategy used in problems of concept formation. *American Journal of Psychology*, 76:229-238, 1963.
- BOURNE, L. E., JR.: Long-term effects of misinformative feedback upon concept identification. *Journal of Experimental Psychology*, 65:139-147, 1961.
- BOURNE, LYLE E., JR.: Hypotheses and hypothesis shifts in classification learning. *Journal of Experimental Psychology*, 72(2):251-261, 1965.
- BOURNE, L. E., JR., and BUNDERSON, C. V.: Effect of delay of informative feedback and length of postfeedback interval on concept identification. *Journal of Experimental Psychology*, 65:1-5, 1961.
- BOURNE, L. E., JR., GOLDSTEIN, S., and LINK, R.: Concept learning as a function of availability of previously presented information. *Journal of Experimental Psychology*, 67:439-448, 1964.
- BOURNE, L. E., JR., and HAYGOOD, R. C.: The effect of stimulus redundancy in concept identification. *Journal of Experimental Psychology*, 58:232-239, 1959.
- BOURNE, L. E., JR., and HAYGOOD, R. C.: Effect of intermittent reinforcement of an irrelevant dimension and task complexity upon concept identification. *Journal of Experimental Psychology*, 57:371-375, 1960.
- BOURNE, L. E., JR., and JENNINGS, P.: The relationship between response contiguity and classification learning. *Journal of Genetic Psychology*, 69:335-338, 1963.
- BOURNE, L. E., and PARKER, KENT: Interrelationships, list structure, and verbal learning. *Canadian Journal of Psychology/Review of Canadian Psychology*, 18:52-61, 1964.

- BOURNE, L. E., JR., and PARKER, B. KENT: Differences among modes for portraying stimulus information in concept identification. *Psychonomic Science*, 1:209-210, 1964.
- BOURNE, L. E., JR., and PENDLETON, R. B.: Concept identification as a function of completeness and probability of information feedback. *Journal of Experimental Psychology*, 56:413-419, 1958.
- BOURNE, L. E., JR., and RESTLE, F.: Mathematical theory of concept identification. *Psychological Review*, 66:278-296, 1959.
- DAVIS, GARY A., and BOURNE, LYLE E., JR.: Effects of response type and problem complexity upon classification learning. *Journal of General Psychology*, 73(1):151-159, 1965.
- GELFAND, SIDNEY: Effects of prior associations and task complexity upon the identification of concepts. *Psychological Reports*, 4:567-574, 1958.
- HAYGOOD, R. C., and BOURNE, L. E., JR.: Forms of relevant stimulus redundancy in concept identification. *Journal of Experimental Psychology*, 67:392-397, 1964.
- HAYGOOD, ROBERT C., and BOURNE, LYLE E., JR.: Attribute- and rule-learning aspects of conceptual behavior. *Psychological Review*, 72(3):175-195, 1965.
- PISHKIN, V.: Effects of probability of misinformation and number of irrelevant dimensions upon concept identification. *Journal of Experimental Psychology*, 59:371-378, 1960.
- RESTLE, F.: A survey and classification of learning models. In: Bush, R. R., and Estes, W. K., eds. *Studies in mathematical learning theory*. Stanford, Calif., Stanford University Press, 1959.
- WALKER, C. M., and BOURNE, L. E., JR.: The identification of concepts as a function of amounts of relevant and irrelevant information. *American Journal of Psychology*, 74:410-417, 1961.
- MH-1760 (R03) LOGAN, FRANK A.: Effect of correlated punishment on performance. Yale University, New Haven, Conn. (1957-57)
- LOGAN, FRANK A.: Punishment. In: Logan, Frank A., ed. *Incentive: How the conditions of reinforcement affect the performance of rats*. New Haven, Conn., Yale University Press, 1960, p. 206-223.
- MH-1762 (R01) COHEN, NATHAN E., BLUM, ARTHUR, and POLANSKY, NORMAN A.: Institutional climate and accessibility to treatment. Western Reserve University, Cleveland, Ohio. (1957-62)
- ALLERHAND, MELVIN, WEBER, RUTH E., and POLANSKY, NORMAN A.: The Bellefaire follow-up research objectives and method. *Child Welfare*, September:7-13, 1961.
- APPELBERG, ESTHER: Verbal accessibility of adolescents. *Child Welfare*, 43(2):86-90, 1964.
- BLUM, ARTHUR: Peer-group structure and a child's verbal accessibility in a treatment institution. *Social Service Review*, 36(4):385-395, 1962.
- BLUM, ARTHUR, and POLANSKY, NORMAN A.: Effect of staff role on children's verbal accessibility. *Social Work*, 6:29-37, 1961.
- JAFFE, LESTER D., and POLANSKY, NORMAN A.: Verbal inaccessibility in young adolescents showing delinquent trends. *Journal of Health and Human Behavior*, 3:105-111, 1962.
- NOONEY, JAMES B., and POLANSKY, NORMAN A.: The influence of perceived similarity and personality on verbal accessibility. *Merrill-Palmer Quarterly of Behavior and Development*, 8(1):33-40, 1962.
- POLANSKY, NORMAN A.: Small-group theory: Implications for casework research. In: Kogan, Leonard S., ed. *Social science theory and social work research*. New York, National Association of Social Workers, 1960.
- POLANSKY, NORMAN A., and WEISS, ERWIN S.: Determinants of accessibility to treatment in a children's institution. *Journal of Jewish Communal Service*, 36(2):130-137, 1959.
- POLANSKY, NORMAN A., WEISS, ERWIN S., and BLUM, ARTHUR: Children's verbal accessibility as a function of content and personality. *American Journal of Orthopsychiatry*, 31(1):153-169, 1961.
- MH-1774 (R01) FIEDLER, FRED E.: Interpersonal perception and personality. University of Illinois, Urbana, Ill. (1957-64)
- BASS, A. R., and FIEDLER, F. E.: Interpersonal perception scores and their components as predictors of personal adjustment. *Journal of Abnormal and Social Psychology*, 62(2):442-445, 1961.
- FIEDLER, FRED E.: Leader attitudes, group climate, and group creativity. *Journal of Abnormal and Social Psychology*, 65(5):308-318, 1962.
- FIEDLER, FRED E., and HOFFMAN, EDWARD L.: Age, sex, and religious background as determinants of interpersonal perception among Dutch children: A cross-cultural validation. *Acta Psychologica*, 20(3):185-195, 1962.
- FIEDLER, F. E., MEUWESE, W. A. T., and OONK, SOPHIE: An exploratory study of group creativity in laboratory tasks. *Acta Psychologica*, 18:100-119, 1961.
- FISHBEIN, MARTIN: The perception of non-members: A test of Merton's reference group theory. *Sociometry*, 26(3):271-286, 1963.
- FISHBEIN, M., LANDY, E., and HATCH, G.: Some determinants of an individual's esteem for his least

- preferred co-worker: An attitudinal analysis. Urbana, Ill., Univ. of Illinois, Dept. of Psychology, Group Effectiveness Research Laboratory, 1965, 35 p. (USPH Technical Rept. No. 20).
- KOHN, A. R., and FIEDLER, F. E.: Age and sex differences in the perception of persons. *Sociometry*, 24(2):157-164, 1961.
- MCGRATH, JOSEPH E., and MCGRATH, MARION F.: Effects of partisanship on perceptions of political figures. *Public Opinion Quarterly*, 26:236-248, 1962.
- NAIDOO, JOSEPHINE C., and FIEDLER, FRED E.: Perceptions of self and significant others by Indian and American students. *Indian Journal of Psychology*, 37(Part 3):115-126, 1962.
- POTTER, EILEEN G., and FIEDLER, FRED E.: Physical disability and interpersonal perception. *Perceptual and Motor Skills*, 8:241-242, 1958.
- RABIN, H. M.: Perception of others by adjusted and maladjusted subjects as reflected in measures of perceptual space. *Journal of Social Psychology*, 56:149-158, 1962.
- STEINER, I. D., and FIELD, W. L.: Role assignment and interpersonal influence. *Journal of Abnormal and Social Psychology*, 61(2):239-245, 1960.
- STEINER, I. D., and JULIAN, J. W.: Perceived acceptance as a determinant of conformity behavior. *Journal of Social Psychology*, 55:191-198, 1960.
- UHLIANN, F. W., and FIEDLER, FRED E.: Choices of fraternity presidents for leadership and maintenance roles. *Psychological Reports*, 4:498, 1958.
- MH-1775 (R01) FULLER, JOHN L., CHAMBERS, RANDALL M., and CLARK, LINCOLN D.: Effects of drugs on psychological development. Roscoe B. Jackson Memorial Laboratory, Bar Harbor, Me. (1957- )
- CHOROVER, S. L.: Effects of mescaline sulfate on extinction of conditional avoidance response (CAR). *Journal of Comparative and Physiological Psychology*, 54:649-652, 1961.
- CLARK, L. D.: Programmed life histories: A technique for psychiatric research in animals. *Archives of General Psychiatry*, 7:125-129, 1962.
- COLEMAN, D. L., and SCHLESINGER, K.: Effects of pyridoxine deficiency on audiogenic seizure susceptibility in inbred mice. *Proceedings of the Society for Experimental Biology and Medicine*, 119(1):264-266, 1965.
- CORNWELL, ANNE CHRISTAKE, and FULLER, J. L.: Conditioned responses in young puppies. *Journal of Comparative and Physiological Psychology*, 54:13-15, 1961.
- FRANK, RICHARD, and KENTON, JOHN: Visual cliff behavior of mice as a function of genetic differences in eye characteristics. *Psychonomic Science*, 4(1):35-36, 1966.
- FULLER, J. L.: Behavior genetics. *Annual Review of Psychology*, 11:4-70, 1960.
- FULLER, J. L.: Effects of experiential deprivation upon behavior in animals. In: *Proceedings of the 3rd World Congress of Psychiatry*. Vol. 3. Montreal, University of Toronto Press/McGill University Press, 1961, p. 223-227.
- FULLER, J. L.: Effect of drugs on psychological development. *Annals of the New York Academy of Sciences*, 96:199-204, 1962.
- FULLER, J. L.: Heredity, animal behavior and psychiatry. *Journal of Nervous and Mental Disease*, 135:5-9, 1962.
- FULLER, J. L.: Purebred dogs in psychological and mental health research. *Proceedings of the Animal Care Panel*, 12:183-186, 1962.
- FULLER, J. L.: Early experience as a determinant of dog personality. *Southwestern Veterinarian*, 18:277-279, 1963.
- FULLER, JOHN L.: Physiological and population aspects of behavior genetics. *American Zoologist*, 4:101-109, 1964.
- FULLER, J. L.: The K-puppies. *Discovery*, 25(2):18-22, 1964.
- FULLER, JOHN L.: From genes to behavioral traits. In: Geerts, S. J., ed. *Genetics today*. Vol. 1. New York, Pergamon Press, 1964, p. 789-794.
- FULLER, J. L.: The measurement of alcohol preference in genetics experiments. *Journal of Comparative and Physiological Psychology*, 57:85-88, 1964.
- FULLER, JOHN L.: Suggestions from animal studies for human behavior genetics. In: *Methods and goals in human behavior genetics*. New York, Academic Press, 1965, p. 245-253.
- FULLER, JOHN L.: Transitory effects of experiential deprivation upon reversal learning in dogs. *Psychonomic Science*, 4(7):273-274, 1966.
- FULLER, JOHN L.: Variation in effects of chlorpromazine in three strains of mice. *Psychopharmacologia*, 8(6):408-414, 1966.
- FULLER, J. L., and CHRISTAKE, ANNE: Conditioning of leg flexion and cardio-acceleration in a puppy. *Federation Proceedings*, 18:198, 1959.
- FULLER, JOHN L., and CLARK, LINCOLN D.: Genetic and treatment factors modifying the postisolation syndrome in dogs. *Journal of Comparative and Physiological Psychology*, 61(2):251-257, 1966.
- FULLER, JOHN L., and CLARK, LINCOLN D.: Effects of rearing with specific stimuli upon postisolation behavior in dogs. *Journal of Comparative and Physiological Psychology*, 61(2):258-263, 1966.

- FULLER, J. L., CLARK, L. D., and WALLER, M. B.: Effects of chlorpromazine upon psychological development in the puppy. *Psychopharmacologia*, 1:393-407, 1960.
- FULLER, J. L., and SCOTT, J. P.: The genetic analysis of behavioral variation. In: Burdette, W. J., ed. *Methods of mammalian genetics*. San Francisco, Holden-Day, 1963, p. 283-296.
- FULLER, J. L., and WALLER, M. B.: Is early experience different? In: Bliss, Eugene L., ed. *Roots of behavior*. New York, Paul B. Hoeber, 1962, p. 235-245.
- HUFF, S. D., and FULLER, J. L.: Audiogenic seizures, phenylalanine hydroxylase and the dilute locus in DBA/1 mice. *Science*, 144:304-305, 1964.
- HUFF, S. D., and HUFF, R. L.: Dilute locus and audiogenic seizures in mice. *Science*, 136:318-319, 1962.
- MORDKOFF, A. M., and FULLER, J. L.: Variability in activity with inbred and crossbred mice. *Journal of Heredity*, 50:6-8, 1959.
- MYERS, A. K.: Effects of CS intensity and quality in avoidance conditioning. *Journal of Comparative and Physiological Psychology*, 55:57-61, 1962.
- MYERS, A. K.: Alcohol choice in Wistar and G-4 rats as a function of environmental temperature and alcohol concentration. *Journal of Comparative and Physiological Psychology*, 55:606-609, 1962.
- MYERS, A. K.: Discriminated operant avoidance learning in wistar and G-4 rats as a function of type of warning stimulus. *Journal of Comparative and Physiological Psychology*, 58(3):453-455, 1964.
- SALINGER, K., and WALLER, M. B.: The operant control of vocalization in the dog. *Journal of the Experimental Analysis of Behavior*, 5:383-389, 1962.
- WALLER, M. B.: A manipulandum for use with dogs. *Journal of the Experimental Analysis of Behavior*, 3:311-312, 1960.
- WALLER, M. B.: Effects of chronically administered chlorpromazine on multiple-schedule performance. *Journal of the Experimental Analysis of Behavior*, 4:351-359, 1961.
- WALLER, M., and FULLER, J.: Animal Research Panel, 1960. II. Preliminary observations on early experience as related to social behavior. *American Journal of Orthopsychiatry*, 31(2):254-266, 1961.
- WALLER, M. B., and WALLER, P. F.: Effects of chlorpromazine on appetitive and aversive components of a multiple schedule. *Journal of the Experimental Analysis of Behavior*, 5:259-264, 1962.
- WALLER, M. B., and WALLER, P. F.: The effects of unavoidable shocks on a multiple schedule having an avoidance component. *Journal of the Experimental Analysis of Behavior*, 6:29-37, 1963.
- WALLER, M. B., WALLER, P. F., and BREWSTER, L.: A water maze for use in studies of drive and learning. *Psychological Reports*, 7:99-102, 1960.
- WALLER, P. F., and WALLER, M. B.: Some relationships between early experience and later social behavior in ducklings. *Behavior*, 20:343-463, 1963.
- WIMER, RICHARD E., and FULLER, JOHN L.: The effects of d-amphetamine sulphate on three exploratory behaviors. *Canadian Journal of Psychology*, 19(2):94-103, 1965.
- WIMER, RICHARD, and STERN, HARVEY: Controlled visual input and exploratory activity in C57BL/6J mice. *Perceptual and Motor Skills*, 18:299-307, 1964.
- WIMER, R., and WELLER, S.: Evaluation of a visual discrimination task for the analysis of the genetics of a mouse behavior. *Perceptual and Motor Skills*, 20:203-208, 1965.
- MH-1776 (R03) JONES, F. NOWELL: Methodology of subjective intensity scaling of odors. University of California, Los Angeles, Calif. (1957-58)
- JONES, F. NOWELL: Scales of subjective intensity for odors of diverse chemical nature. *American Journal of Psychology*, 71:305-310, 1958.
- MH-1780 (R01) LIPPITT, RONALD, and WITHEY, STEPHEN: Intercenter program on family, youth and children. University of Michigan, Ann Arbor, Mich. (1957- )
- HOFFMAN, L. W.: Effects of the employment of mothers on parental power relations and the division of household tasks. *Marriage and Family Living*, 22(1):27-35, 1960.
- HOFFMAN, LOIS W.: Effects of maternal employment on the child. *Child Development*, 32:187-197, 1961. (Also acknowledges MH-1654)
- HOFFMAN, L. W.: The father's role in the family and the child's peer-group adjustment. *Merrill-Palmer Quarterly of Behavior and Development*, 7:97-105, 1961.
- HOFFMAN, L. W., and LIPPITT, R.: The measurement of family life variables. In: Mussen, P., ed. *Handbook of research methods in child development*. New York, John Wiley & Sons, 1960. p. 945-1013.
- HOFFMAN, L. W., ROSEN, S., and LIPPITT, R.: Parental coerciveness, child autonomy, and child's

- role at school. *Sociometry*, 23(1):15-22, 1960. (Also acknowledges MH-450)
- HOFFMAN, L. W., and WYATT, F.: Social change and motivations for having larger families: Some theoretical considerations. *Merrill-Palmer Quarterly of Behavior and Development*, 6(4):235-344, 1960.
- KALLEN, D.: Inner direction, other direction, and social integration setting. *Human Relations*, 16(1):74-87, 1963.
- LIPPITT, R.: Unplanned maintenance and planned change in the group work process. In: Kasur, Cora, Ray, Florence, and Vick, Hollis, eds. *Social work practice*. New York, Columbia University Press, 1962, p. 75-95.
- SOLOMON, D.: Adolescents' decisions: A comparison of influence from parents with that from other sources. *Marriage and Family Living*, 23(4):393-395, 1961.
- SOLOMON, D.: Influences on the decisions of adolescents. *Human Relations*, 16:45-60, 1963.
- MH-1782 (R01) OSBURN, HOBART G.: Research on pattern analysis. Southern Illinois University, Carbondale, Ill. (1957-60)
- LUBIN, A., and OSBURN, H. G.: The use of configural analysis for the prediction of a qualitative criterion. *Journal of Educational and Psychological Measurement*, 20:275-282, 1960.
- MH-1787 (R01) KESSEN, WILLIAM: Distress and discrimination in infants. Yale University, New Haven, Conn. (1957-64)
- HENDRY, L. S., and KESSEN, W.: Oral behavior of newborn infants as a function of age and time since feeding. *Child Development*, 35:201-208, 1964.
- HERSHENSON, M.: Visual discrimination in the human newborn. *Journal of Comparative and Physiological Psychology*, 58:270-276, 1964. (Also acknowledges MH-3244)
- HERSHENSON, M., MUNSINGER, H., and KESSEN, W.: Preference for shapes of intermediate variability in the newborn human. *Science*, 147:630-631, 1965.
- KESSEN, WILLIAM: "Stage" and "structure" in the study of children. *Monographs of the Society for Research in Child Development*, 27(2):65-86, 1962.
- KESSEN, WILLIAM: Research in the psychological development of infants: An overview. *Merrill-Palmer Quarterly of Behavior and Development*, 9(2):83-92, 1963.
- KESSEN, WILLIAM, HENDRY, LOUISE S., and LEUTZENDORFF, ANNE-MARIE: Measurement of movement in the human newborn: A new technique. *Child Development*, 32:95-105, 1961.
- KESSEN, WILLIAM, and LEUTZENDORFF, ANNE-MARIE: The effect of non-nutritive sucking on movement in the human newborn. *Journal of Comparative and Physiological Psychology*, 56(1):69-72, 1963.
- KESSEN, WILLIAM, and MANDLER, GEORGE: Anxiety, pain, and the inhibition of distress. *Psychological Review*, 68(6):396-404, 1961. (Also acknowledges MH-2442)
- KESSEN, WILLIAM, WILLIAMS, E. JANE, and WILLIAMS, JOANNA P.: Selection and test of response measures in the study of the human newborn. *Child Development*, 32:7-24, 1961.
- MCGRADE, B. J., KESSEN, W., and LEUTZENDORFF, A.: Activity in the human newborn as related to delivery difficulty. *Child Development*, 36(1):73-79, 1965.
- WILLIAMS, JOANNA P., and KESSEN, WILLIAM: Effect of hand-mouth contacting on neonatal movement. *Child Development*, 32:243-248, 1961.
- MH-1794 (R01) CLEGHORN, ROBERT A., and AZIMA, HASSAN: Psychodynamic changes with pharmacotherapy. McGill University, Montreal, Can. (1957-59)
- AZIMA, H.: Changes in organization of mood as a therapeutic and research problem in pharmacotherapy. In: Bradley, P. B., ed. *Neuro-psychopharmacology*. Amsterdam, Elsevier, 1959, p. 488-491.
- AZIMA, H.: The hierarchical methodological approach to psychopharmacology. *Psychiatric Quarterly*, 35:268-283, 1961.
- AZIMA, H., AZIMA, FERN, and DUROST, H. B.: Psychoanalytic formulations of effects of reserpine on schizophrenic organization. *Archives of General Psychiatry*, 1:662-670, 1959.
- AZIMA, H., DUROST, H. B., and AZIMA, FERN: Alterations of schizophrenic psychodynamic structure concomitant with reserpine administration. In: Masserman, J. H., ed. *Biological psychiatry*. New York, Grune & Stratton, 1959, p. 244-258.
- AZIMA, H., SANGOWICZ, JADWIGA, SPINDLER, JOAN, and AZIMA, FERN: Psychodynamic alterations concomitant with intensive meprobamate administration. *Diseases of the Nervous System, Monograph Supplement*, 20(5):1-10, 1959.
- AZIMA, H., SHAGASS, C., and SANGOWICZ, J.: Effect of meprobamate in sustained high dosage on the electroencephalogram and sedation threshold. *Electroencephalography and Clinical Neurophysiology*, 11(2):275-283, 1959.



- AZIMA, H., and VISPO, R. H.: El Imipramine (Tofranil). Una nueva droga para el tratamiento de los estados depresivos. *Acta Neuropsiquiatrica Argentina*, 4:365-366, 1958.
- MH-1795 (R01) VAN AMERONGEN, SUZANNE T., REXFORD, EVEOLEEN N., and SCHLEIFER, MAXWELL, J.: Interaction in families with an antisocial child. Douglas A. Thomas Clinic for Children, Boston, Mass. (1957-62)
- REXFORD, EVEOLEEN N.: Some meanings of aggressive behavior in children. *Annals of the American Academy of Political and Social Science*, 322:11-18, 1959. (Also acknowledges MH-9094)
- REXFORD, EVEOLEEN N.: Antisocial young children and their families. In: Jessner, L., and Pavestadt, E., eds. *Dynamic psychotherapy of children*. New York, Grune & Stratton, 1959, p. 186-219. (Also acknowledges MH-9094)
- VAN AMERONGEN, SUZANNE TAETS: Permission, promotion, and provocation of antisocial behavior. *Journal of the Academy of Child Psychiatry*, 2: 99-111, 1963.
- MH-1796 (R01) ELRICK, HAROLD, and BERNSTEIN, LEWIS: Psychologic and physical effects of handling animals. University of Colorado Medical Center, Denver, Colo. (1957-60)
- BERNSTEIN, L.: The effects of variations in handling upon learning and retention. *Journal of Comparative and Physiological Psychology*, 50:162, 1957.
- BERNSTEIN, L., BORDA-BOSSANA, D., ATKINSON, H., and ELRICK, H.: An experimental test of the permanence of learning deficits in the environmentally restricted rat. *Journal of Psychosomatic Research*, 5:127, 1961.
- BERNSTEIN, L., and ELRICK, H.: The handling of experimental animals as a control factor in animal research: A review. *Metabolism*, 6:479-482, 1957.
- BORDA-BOSSANA, D., ELRICK, H., BERNSTEIN, L., and ATKINSON, H.: Effects of handling in the adrenalectomized rat treated with corticosterone. *Journal of Psychosomatic Research*, 5:206-210, 1961.
- ELRICK, H., and BERNSTEIN, L.: Food utilization and weight gain in the hypophysectomized rat as a function of handling. *Proceedings of the Society for Experimental Biology and Medicine*, 97: 903-905, 1958.
- ELRICK, H., BERNSTEIN, L., DIAMANT, E., WHITEHOUSE, J., and BORDA-BOSSANA, D.: Effects of handling on the adrenalectomized rat. *Proceedings of the Society for Experimental Biology and Medicine*, 99:696-698, 1958.
- ELRICK, H., BORDA-BOSSANA, D., BERNSTEIN, L., DIAMANT, E., and WHITEHOUSE, J.: Effects of handling on the thyroidectomized rat. *American Journal of Physiology*, 198:13, 1960.
- MH-1797 (R03) GOODMAN, MARY ELLEN: Social concepts, values, and attitudes in children. Individual. Bethesda, Md. (1957-58)
- GOODMAN, MARY ELLEN: Values, attitudes, and social concepts of Japanese and American children. *American Anthropologist*, 59:979-999, 1957.
- GOODMAN, MARY ELLEN: Japanese and American children: A comparative study of social concepts and attitudes. *Marriage and Family Living*, 20 (4):316-319, 1958.
- GOODMAN, MARY ELLEN: Children as informants: The child's-eye view of society and culture. *American Catholic Sociological Review*, 21(2): 136-145, 1960.
- GOODMAN, MARY ELLEN: Culture and conceptualization: A study of Japanese and American children. *Ethnology*, 1(3):374-386, 1962.
- MH-1798 (R03) BROWN, JUDSON S.: The role of motivation in behavior. State University of Iowa, Iowa City, Iowa. (1957-57)
- BROWN, JUDSON S.: The motivation of behavior. New York, McGraw-Hill, 1961, 404 p.
- MH-1802 (R01) HOWES, DAVIS H., and GESCHWIND, NORMAN: Statistical properties of aphasic language. Massachusetts Institute of Technology, Cambridge, Mass. (1957-63)
- GESCHWIND, N.: The anatomy of acquired disorders of reading. In: Money, John, ed. *Reading disability*. Baltimore, Johns Hopkins, 1962, p. 115-130.
- GESCHWIND, N.: Sympathetic dyspraxia. In: Yahr, Melvin D., ed. *Transactions of the American Neurological Association*. Vol. 88. New York, Springer, 1963, p. 219-220.
- GESCHWIND, N.: Development of the brain and evolution of language. Monograph Series on Language and Linguistics, Proceedings of the 15th Annual (1st International) Round Table Meeting. Washington, D.C., Georgetown University Press, 1964, p. 155-169. (No. 17)
- GESCHWIND, N., and KAPLAN, E.: A human cerebral disconnection syndrome: A preliminary report. *Neurology*, 12(10):675-685, 1962. (Also acknowledges MH-4187)
- HOWES, D. H.: An approach to the quantitative analysis of word blindness. In: Money, John, ed. *Reading disability*. Baltimore, Johns Hopkins, 1962, p. 131-159.

HOWES, D. H.: Application of the word-frequency concept to aphasia. In: de Reuck, A. V. S., and O'Connor, Maeve. *Ciba Foundation symposium on disorders of language*. London, Churchill, 1964, p. 47-75.

MH-1805 (R01) COWEN, EMORY L.: Adjustment factors in residential blind adolescents. University of Rochester, Rochester, N.Y. (1957-60)

COWEN, E. L.: Reflections deriving from a research exposure in the field of disability. *NCPAD Bulletin*, 5:104-106, 1958. (Also acknowledges MH-437)

COWEN, E. L., UNDERBERG, RITA P., and VERRILLO, R. T.: The development and testing of an attitudes to blindness scale. *Journal of Social Psychology*, 56:305-310, 1958. (Also acknowledges MH-437)

COWEN, E. L., UNDERBERG, RITA P., VERRILLO, R. T., and BENHAM, F. G.: Adjustment to visual disability in adolescence. New York, American Foundation for the Blind, 1961, 239 p. (Also acknowledges MH-437)

UNDERBERG, RITA P., COWEN, E. L., and VERRILLO, R. T.: Some determinants of adjustment to visual disability in adolescence. *New Outlook for the Blind*, 55:253-259, 1961. (Also acknowledges MH-437)

MH-1808 (R01) CROCKETT, WALTER H.: Cognitive and motivational factors in social behavior. Clark University, Worcester, Mass. (1957-62)

MAYO, CLARA, and CROCKETT, W. H.: Cognitive complexity and primacy-recency effects in impression formation. *Journal of Abnormal and Social Psychology*, 68(3):335-338, 1964.

NIDORF, LOUIS J., and CROCKETT, WALTER H.: Cognitive complexity and the integration of conflicting information in written impressions. *Journal of Social Psychology*, 66(1):165-169, 1965.

MH-1811 (R01) WALLERSTEIN, ROBERT S., and HOLZMAN, PHILIP S.: Psychosomatic study of thyroid gland dysfunction. Menninger Foundation, Topeka, Kans. (1957-63)

WALLERSTEIN, ROBERT S., HOLZMAN, PHILIP S., VOTH, HAROLD M., and UHR, NATHANIEL: Thyroid "hot spots": A psychophysiological study. *Psychosomatic Medicine*, 27(6):508-523, 1965.

MH-1812 (R03) CHURCH, RUSSELL M.: Experimental studies of imitative behavior. Brown University, Providence, R.I. (1957-58)

CHURCH, RUSSELL M.: Emotional reactions of rats to the pain of others. *Journal of Comparative and Physiological Psychology*, 52:132-134, 1959.

MH-1817 (R01) GLUECK, SHELDON, and GLUECK, ELEANOR T.: Follow-up study of juvenile delinquency. Harvard University, Cambridge, Mass. (1957-61)

GLUECK, SHELDON, and GLUECK, ELEANOR: *Delinquents in criminology: Selected recent papers*. London, Tavistock Publications, 1964, 373 p.

MH-1818 (R01) COOK, STUART W.: Experimental approach to attitude change. New York University, New York, N.Y. (1957-63)

WRIGHTSMAN, LAWRENCE S., JR.: Dimensional variation of attitudes toward the Negro. *Psychological Reports*, 11:439-448, 1962.

MH-1820 (R01) CONGER, JOHN J., and SAWREY, WILLIAM L.: Personality correlates of attitudes. University of Colorado Medical Center, Denver, Colo. (1957-61)

SAWREY, W. L., KELLER, L., and CONGER, JOHN J.: An objective method of grouping profiles by distance functions and its relation to factor analysis. *Journal of Educational and Psychological Measurement*, 20(4):651-673, 1960.

MH-1821 (R01) WEINREB, JOSEPH, and LEVENTHAL, THEODORE: Personality and treatment of runaway children. Worcester Youth Guidance Center, Worcester, Mass. (1958-61)

LEVENTHAL, T.: Control problems in runaway children. *Archives of General Psychiatry*, 9:163-170, 1963.

LEVENTHAL, T.: Inner control deficiencies in runaway children. *Archives of General Psychiatry*, 11:170-176, 1964.

WEINREB, J., and COUNTS, R. M.: Impulsivity in adolescents and its therapeutic management. *Archives of General Psychiatry*, 2:548-558, 1958.

MH-1822 (R01) WYLIE, RUTH C.: Testing of concept theories. Sarah Lawrence College, New York, N.Y. (1957-60)

WYLIE, RUTH C.: The self concept: A critical survey of pertinent research literature. Lincoln, University of Nebraska Press, 1961, 370 p.

WYLIE, RUTH C.: Children's estimates of schoolwork ability, as a function of sex, race, and socioeconomic level. *Journal of Personality*, 31:203-224, 1963.

WYLIE, R. C.: Self ratings, level of ideal-self, and defensiveness. *Psychological Reports*, 16:135-150, 1965.

MH-1831 (R01) SCHUTZ, WILLIAM C.: Toward a theory of interpersonal relations. Harvard University, Cambridge, Mass. (1957-58) continued as MH-2591)

- SCHUTZ, W. C.: FIRO: A three-dimensional theory of interpersonal behavior. New York, Rinehart, 1958. (Also acknowledges MH-2591)
- SCHUTZ, W. C.: On group composition. *Journal of Abnormal and Social Psychology*, 62(2):275-281, 1961. (Also acknowledges MH-2591)
- SCHUTZ, W. C.: The ego, FIRO theory and the leader as completer. In: Bass, B., and Petrullo, L., eds. *Leadership and interpersonal behavior*. New York, Holt, 1961. (Also acknowledges MH-2591)
- SCHUTZ, W. C., and GROSS, E. F.: The FIRO theory of interpersonal behavior: Empirical tests and applications to business administration. In: *Contributions to Scientific Research in Management*. Los Angeles, University of California, January 29-30, 1959, p. 161-172. (Also acknowledges MH-2591)
- MH-1833 (R01) RHUDICK, PAUL J., MARLEY, FRANCIS W., and TOMA, STEPHAN: Conflict themes in later life. Age Center of New England, Boston, Mass. (1957-60)
- RHUDICK, P. J., and DIBNER, A. S.: Age, personality, and health correlates of death concerns in normal aged individuals. *Journal of Gerontology*, 16:44-49, 1961. Also in: Donahue, W., and Tibbitts, C., eds. *Social and psychological aspects of aging*. Vol. 1. New York, Columbia University Press, 1962, p. 691-700.
- MH-1839 (R01) CRONBACH, LEE J.: Integrated studies of psychometric theory. University of Illinois, Urbana, Ill. (1957-63)
- CRONBACH, L. J., and AZUMA, H.: Internal-consistency reliability formulas applied to randomly sampled single-factor tests: An empirical comparison. *Educational and Psychological Measurement*, 22:645-665, 1962.
- CRONBACH, L. J., and GLEESER, GOLDINE C.: Interpretation of reliability and validity coefficients: Remarks on a paper by Lord. *Journal of Educational Psychology*, 50:230-237, 1959.
- CRONBACH, L. J., and GLEESER, GOLDINE C.: Quantal and graded analysis of dosage-effects relations. *Science*, 133:1924-1925, 1960.
- CRONBACH, L. J., and GLEESER, G. C.: The signal/noise ratio in the comparison of reliability coefficients. *Educational and Psychological Measurement*, 24:467-480, 1964.
- CRONBACH, L. J., IKEDA, HIROSHI, and AVNER, R. A.: Intraclass correlation as an approximation to the coefficient of generalizability. *Psychological Reports*, 15:727-736, 1964.
- CRONBACH, L. J., RAJARATNAM, NAGESWARI, and GLEESER, GOLDINE C.: Theory of generalizability: A liberalization of reliability theory. *British Journal of Statistical Psychology*, 16:137-163, 1963.
- CRONBACH, LEE J., SCHONEMANN, PETER, and MCKIE, DOUGLAS: Alpha coefficients for stratified-paralleled tests. *Educational and Psychological Measurement*, 25(2):291-312, 1965.
- GLEESER, GOLDINE C., CRONBACH, LEE J., and RAJARATNAM, NAGESWARI: Generalizability of scores influenced by multiple sources of variance. *Psychometrika*, 30(4):395-418, 1965.
- RAJARATNAM, NAGESWARI: Reliability formulas for independent decision data when reliability data are matched. *Psychometrika*, 25:261-271, 1960.
- RAJARATNAM, N., CRONBACH, L. J., and GLEESER, G. C.: Generalizability of stratified-paralleled tests. *Psychometrika*, 30(1):39-56, 1965.
- MH-1841 (R01) WECHSLER, MAGDALENA B.: Enzymatic properties of brain cell fractions. New York State Psychiatric Institute, New York, N.Y. (1957-63)
- FORREST, IRENE S., WECHSLER, MAGDALENA B., and SPERCO, JOSEPH E.: A comprehensive method for the determination of urinary chlorpromazine and its oxidative metabolites. *American Journal of Psychiatry*, 120:44-48, 1963. (Also acknowledges MH-2728)
- WECHSLER, M. B.: Studies on oxidative phosphorylation in brain mitochondria. (Abstract) *Federation Proceedings*, 18:348, 1959.
- WECHSLER, M. B.: Studies on oxidative phosphorylation and ATP-ase activity of fresh and frozen brain mitochondria. *Archives of Biochemistry and Biophysics*, 95:494-498, 1961. (Also acknowledges MH-1665)
- MH-1849 (R01) JONES, LYLE V., and WEPMAN, JOSEPH M.: Psycholinguistic methods for classifying aphasia. University of North Carolina, Chapel Hill, N.C. (1957-64)
- FILLENBAUM, S.: Impairment in performance with delayed auditory feedback as related to task characteristics. *Journal of Verbal Learning and Verbal Behavior*, 2:136-141, 1963.
- FILLENBAUM, S.: Verbal satiation and changes in meaning of related items. *Journal of Verbal Learning and Verbal Behavior*, 2:263-271, 1963.
- FILLENBAUM, S.: Semantic generalization in verbal satiation. *Psychological Reports*, 13:158, 1963.
- FILLENBAUM, S.: Semantic satiation and decision latency. *Journal of Experimental Psychology*, 68(3):240-244, 1964.
- FILLENBAUM, SAMUEL: Delayed auditory feedback with different delay times at each year. *Journal of Speech and Hearing Research*, 7(4):369-371, 1964.

- FILLENBAUM, SAMUEL: A further study of grammatical class as a variable in verbal satiation. *Language and Speech*, 7(4):233-237, 1964.
- FILLENBAUM, SAMUEL: Adaption with constant and variable delay in auditory feedback. *Psychonomic Science*, 3(2): 45-46, 1965.
- FILLENBAUM, S., and JONES, L. V.: An application of "cloze" technique to the study of aphasic speech. *Journal of Abnormal and Social Psychology*, 65:183-189, 1962.
- FILLENBAUM, SAMUEL, and JONES, LYLE V.: Grammatical contingencies in word association. *Journal of Verbal Learning and Verbal Behavior*, 4(3):248-255, 1965.
- FILLENBAUM, SAMUEL, and JONES, LYLE V.: The predictability of words as a function of auditory and contextual cues. *Language and Speech*, 8 (Part 3):182-189, 1965.
- FILLENBAUM, S., JONES, L. V., and RAPOPORT, A.: The predictability of words and their grammatical classes as a function of rate of deletion from a speech transcript. *Journal of Verbal Learning and Verbal Behavior*, 2:186-194, 1963.
- FILLENBAUM, S., JONES, L. V., and WEPMAN, J. M.: Some linguistic features of speech from aphasic patients. *Language and Speech*, 4:91-108, 1961.
- FILLENBAUM, S., and WIESEN, R.: Contextual constraints and disruptions in reading with delayed auditory feedback. *Journal of the Acoustical Society of America*, 33:1800-1801, 1961.
- JOHNSON, E. S.: An information-processing model of one kind of problem solving. *Psychological Monographs*, 78(4):1-31, 1964. (Whole No. 581).
- JONES, L. V.: Problems of devising and selecting appropriate measurement tools. *American Journal of Mental Deficiency*, 64:384-396, 1959.
- JONES, L. V.: A psycholinguistic analysis of aphasic speech. 14th International Congress of Applied Psychology, Copenhagen, 134-135, 1961.
- JONES, L. V.: Beyond babbage. *Psychometrika*, 28: 315-331, 1963.
- JONES, L. V., GOODMAN, M. F., and WEPMAN, J. M.: The classification of parts of speech for the characterization of aphasia. *Language and Speech*, 6:94-107, 1963. (Also acknowledges MH-1876)
- JONES, L. V., and WEPMAN, J. M.: Dimensions of language performance in aphasia. *Journal of Speech and Hearing Research*, 4:220-232, 1961.
- JONES, LYLE V., and WEPMAN, JOSEPH M.: Language: A perspective from the study of aphasia. In: *Directions in psycholinguistics*. New York, MacMillan & Co., 1965, p. 237-253. (Also acknowledges MH-1876)
- KATZ, PHYLLIS A.: Effects of labels on children's perception and discrimination learning. *Journal of Experimental Psychology*, 66:423-428, 1963.
- SMITH, T. A., JONES, L. V., and THOMAS, S.: Effects upon verbal learning of stimulus similarity, number of stimuli per response, and concept formation. *Journal of Verbal Learning and Verbal Behavior*, 1:470-476, 1963.
- SPIEGEL, DOUGLAS K., JONES, LYLE V., and WEPMAN, JOSEPH M.: Test responses as predictors of free-speech characteristics in aphasia patients. *Journal of Speech and Hearing Research*, 8(3):349-362, 1965.
- WEPMAN, J. M., and JONES, L. V.: The language modalities test for aphasia. Chicago University of Chicago, Education-Industry Service, 1961, 91 p.
- WEPMAN, J. M., and JONES, L. V.: Studies in aphasia: An approach to testing. Chicago, Education-Industry Service, 1961, 91 p.
- WEPMAN, J. M., and JONES, L. V.: Five aphasic patients: A commentary on aphasia as a regressive linguistic phenomenon. In: Rioch, David McK., and Weinstein, Edwin A., eds. *Disorders of communication*. Vol. 42. Research Publications of the Association for Research in Nervous and Mental Diseases. Baltimore, Williams & Wilkins, 1964, p. 203. (Also acknowledges MH-1876)
- WEPMAN, J. M., JONES, L. V., BOCK, R. D., and VAN PELT, DORIS: Studies in aphasia: Background and theoretical formulations. *Journal of Speech and Hearing Disorders*, 25:323-332, 1960. (Also acknowledges MH-1876)
- ZIGLER, E., JONES, L. V., and KAFES, P.: The acquisition of language habits in first, second, and third grade boys. *Child Development*, 35: 736, 1964.
- MH-1863 (R03) GREENBLATT, MILTON, and FREEDMAN, SANFORD J.: Perceptual changes in sensory deprivation. Massachusetts Mental Health Center, Boston, Mass. (1957-58)
- FREEDMAN, SANFORD J., GRUNEBAUM, H., and GREENBLATT, M.: Perceptual and cognitive changes in sensory deprivation. In: Solomon, Harry C., Held, Richard, Tursky, Bernard, Schwartzgebel, Robert, eds. *Sensory deprivation*. Cambridge, Mass., Harvard University Press, 1961, p. 58-71.
- MH-1867 (R01) KOGAN, NATHAN: Prejudice against older people. Age Center of New England, Boston, Mass. (1957-59)
- GOLDB, P. J., and KOGAN, N.: A sentence completion procedure for assessing attitudes toward older people. *Journal of Gerontology*, 14:355-359, 1959.

- KOGAN, N.: Attitudes toward old people: The development of a scale and an examination of correlates. *Journal of Abnormal and Social Psychology*, 62:44-54, 1961.
- KOGAN, N.: Attitudes toward old people in an older sample. *Journal of Abnormal and Social Psychology*, 62:616-622, 1961.
- KOGAN, N., and SHELTON, F. C.: The differential cue values of age and occupation in impression formation. *Psychological Reports*, 7:203-216, 1960.
- KOGAN, N., and SHELTON, F. C.: Images of "old people" and "people in general" in an older sample. *Journal of Genetic Psychology*, 100:3-21, 1962.
- KOGAN, N., and SHELTON, F. C.: Beliefs about "old people": A comparative study of older and younger samples. *Journal of Genetic Psychology*, 100:93-111, 1962.
- KOGAN, N., STEPHENS, J. W., and SHELTON, F. C.: Age differences: A developmental study of discriminability and affective response. *Journal of Abnormal and Social Psychology*, 62:221-230, 1961.
- KOGAN, N., and WALLACH, M. A.: Age changes in values and attitudes. *Journal of Gerontology*, 16: 272-280, 1961. (Also acknowledges MH-2269)
- MH-1870 (R10) PRANGE, ARTHUR J., JR., ABSE, D. WILFRED, and TOLLEY, GRANVILLE: Tranquilizing drugs in acute psychiatric disorders. University of North Carolina, Chapel Hill, N.C. (1957-62)
- ABSE, D. WILFRED, DAHLSTROM, W. G., and TOLLEY, A. G.: Evaluation of tranquilizing drugs in the management of acute disturbance. *American Journal of Psychiatry*, 116(11):973-980, 1960.
- BOSWELL, J. I., PRANGE, A. J., JR., ABSE, D. W., and COCHRANE, CARL M.: Failure rate of tranquilizers as an index of drug effect. *Journal of New Drugs*, 3:96-105, 1963.
- COCHRANE, CARL M., PRANGE, A. J., JR., and ABSE, D. WILFRED: Reserpine-produced changes in the direction of aggressive drives. In: The 3rd World Congress of Psychiatry Proceedings. Vol. 1. Montreal, Toronto University Press/McGill University Press, 1961, p. 370-373.
- PRANGE, ARTHUR J.: Paroxysmal auricular tachycardia apparently resulting from combined thyroid-imipramine treatment. *Journal of Psychiatry*, 119 (10):994-995, 1963.
- PRANGE, A. J., JR., COCHRANE, CARL M., and ABSE, D. W.: Changing psychiatric treatment patterns and their relationship to a double-blind tranquilizer study in a teaching hospital. *Journal of New Drugs*, 3(2):75-84, 1963.
- PRANGE, A. J., JR., COCHRANE, CARL M., and ABSE, D. W.: A double-blind clinical trial of chlorpromazine and reserpine in acute mental disturbance. *Journal of New Drugs*, 3(2):85-95, 1963.
- PRANGE, ARTHUR J., LIPTON, MORRIS A., and LOVE, G.: Diminution of imipramine mortality in hypothyroid mice. *Nature*, 197(4873):1212-1213, 1963. (Also acknowledges MH-4934)
- MH-1871 (R01) MILLER, JAMES G.: Behavioral and physiological tests of drugs. University of Michigan, Ann Arbor, Mich. (1957-61)
- McLOUGHLIN, QUIN, and MILLER, JAMES G.: A test of the behavioral effects of anacin. In: Mental Health Research Institute Preprint 29. Ann Arbor, Michigan, University of Michigan, 1959.
- MILLER, JAMES G.: Information input overload and psychopathology. *American Journal of Psychiatry*, 116:695-704, 1960.
- MILLER, JAMES G., and UHR, LEONARD: An experimental study of the behavioral effects of carboxysyringoyl methylreserpate (Singoserp). *Toxicology and Applied Pharmacology*, 1(5):534-544, 1959.
- PLATZ, ARTHUR, POLLARD, JOHN C., and MILLER, JAMES G.: Psychological assessment of dihydrogenated ergot derivatives in the treatment of senility. *University of Michigan Medical Bulletin*, 26:354-356, 1960.
- UHR, LEONARD, and MILLER, JAMES A.: Behavioral toxicity of emylcamate (Striatran). *American Journal of the Medical Sciences*, 240(2):197-203, 1960.
- UHR, LEONARD, and MILLER, JAMES G.: Experimentally determined effects of emylcamate (Striatran) on performance, autonomic response, and subjective reactions under stress. *American Journal of the Medical Sciences*, 240(2):204-211, 1960.
- UHR, LEONARD, and MILLER, JAMES G., eds.: Drugs and behavior. New York, John Wiley & Sons, 1960, 676 p.
- UHR, LEONARD, POLLARD, JOHN, and MILLER, JAMES G.: Behavioral effects of chronic administration of psychoactive drugs to anxious patients. *Psychopharmacology*, 1:150-168, 1959.
- MH-1874 (R01) BLAIN, DANIEL: Volunteer services for psychiatric patients. American Psychiatric Association, Washington, D.C. (1957-58)
- BLAIN, DANIEL, BLASKO, JOHN J., KNEE, RUTH, MACKIN, MARY C., MILLS, ABBOT L., PINASKI, VIOLA R., and TOMPKINS, HARVEY J.: The volunteer and the psychiatric patient. Washington, D.C., American Psychiatric Association, 1959, 124 p.

- MH-1875 (R01) MEYER, EUGENE, and EDGERTON, MILTON T.: Selection of patients for elective plastic surgery. Johns Hopkins University, Baltimore, Md. (1957-62)
- EDGERTON, M. T., JACOBSON, W. E., and MEYER, E.: Surgical-psychiatric study of patients seeking plastic (cosmetic) surgery: Ninety-eight consecutive patients with minimal deformity. *British Journal of Plastic Surgery*, 13:136-145, 1960.
- EDGERTON, M. T., MEYER, E., and JACOBSON, W. E.: Augmentation mammoplasty. II. Further surgical and psychiatric evaluation. *Plastic and Reconstructive Surgery*, 27:279-302, 1961.
- JACOBSON, W. E., EDGERTON, M. T., and MEYER, E.: Psychiatric contributions to the clinical management of plastic surgery patients. *Postgraduate Medicine*, 29:513-521, 1961.
- JACOBSON, W. E., EDGERTON, M. T., MEYER, E., CANTER, A., and SLAUGHTER, R.: Psychiatric evaluation of male patients seeking cosmetic surgery. *Plastic and Reconstructive Surgery*, 26:356-372, 1960.
- JACOBSON, W. E., MEYER, E., EDGERTON, M. T., CANTER, A., and SLAUGHTER, R.: Screening of rhinoplasty patients from the psychologic point of view. *Plastic and Reconstructive Surgery*, 28:279-381, 1961.
- MEYER, E., JACOBSON, W. E., EDGERTON, M. T., and CANTER, A.: Motivational patterns in patients seeking elective plastic surgery. I. Women who seek rhinoplasty. *Psychosomatic Medicine*, 22:193-203, 1960.
- UNGER, T., and IMBODEN, J. B.: Binocular resolution: The stereoscopic responses of pre- and post-operative rhinoplasty patients to paired photographs of pre- and post-rhinoplasty subjects. *Journal of Nervous and Mental Disease*, 131:414-417, 1960.
- MH-1876 (R01) WEPMAN, JOSEPH M., and JONES, LYLE V.: Psycholinguistic methods for classifying aphasia. University of Chicago, Chicago, Ill. (1957- )
- JONES, L. V., GOODMAN, M. F., and WEPMAN, J. M.: The classification of parts of speech for the characterization of aphasia. *Language and Speech*, 6:94-107, 1963. (Also acknowledges MH-1849)
- JONES, LYLE V., and WEPMAN, JOSEPH M.: Language: A perspective from the study of aphasia. In: *Directions in psycholinguistics*. New York, MacMillan & Co., 1965, p. 237-253. (Also acknowledges MH-1849)
- WEPMAN, J. M., and JONES, L. V.: Five aphasia: A commentary on aphasia as a regressive linguistic phenomenon. In: Rioch, David McK., and Weinstein, Edwin A., eds. *Disorders of communication*. Vol. 42. Research Publications of the Association for Research in Nervous and Mental Diseases, Washington, D.C. (1964, p. 190-203. (Also acknowledges MH-1849)
- WEPMAN, J. M., JONES, L. V., BOCK, R. D., and VAN PELT, DORIS: Studies in aphasia: ground and theoretical formulations. *Journal of Speech and Hearing Disorders*, 25:323-332, (Also acknowledges MH-1849)
- WEPMAN, J. M., and MORENCY, ANNE: Film as an adjunct to aphasia therapy. *Journal of Speech and Hearing Disorders*, 28:191-194, 1963.
- MH-1882 (R01) CUMMINGS, JOHN H., and McPARTLAND, THOMAS S.: Sociocultural factors in mental illness. Greater Kansas City Mental Health Foundation, Kansas City, Mo. (1957-59)
- CUMMINGS, J. H., and McPARTLAND, T. S.: Self-conception, perception and communication. Lawrence, Kansas, University of Kansas Press, 1959.
- McPARTLAND, THOMAS S., and CUMMINGS, JOHN H.: Self-conception, social class and mental illness. *Human Organization*, 17(3):24-29, 1959.
- McPARTLAND, T. S., CUMMINGS, J. H., and GILSON, W. S.: Self-conception and ward behavior in two psychiatric hospitals. *Sociometry*, 24(2):124, 1961.
- MH-1885 (R01) ROKEACH, MILTON, and LIEB, CHARLES: The organization and modification of belief systems. Michigan State University, East Lansing, Mich. (1957-60)
- ROKEACH, MILTON: The open and closed personality systems. New York, Basic Books, 1960, 447 p.
- MH-1889 (R03) PATTERSON, GERALD R.: Analysis of a nonverbal test of aggression. University of Nebraska, Omaha, Nebraska. (1957-57)
- PATTERSON, G. R.: A nonverbal technique for the assessment of aggression in children. *Child Development*, 31:643-653, 1960.
- MH-1892 (R01) SECORD, PAUL F.: Role of categorization in interpersonal perception. University of Nevada, Reno, Nev. (1957-60)
- BACKMAN, C. W., and SECORD, P. F.: The perceived liking in interpersonal attraction. *Human Relations*, 12(4):379-384, 1959.
- SECORD, P. F.: Stereotyping and favorableness in perception of Negro faces. *Journal of Abnormal and Social Psychology*, 59:309-315, 1959.
- SECORD, P. F., and BACKMAN, C. W.: Malocclusion and psychological factors. *Journal of the American Dental Association*, 59:931-938, 1959. (Also acknowledges MH-1927)

- SECORD, P. F., and BACKMAN, C. W.: An interpersonal approach to stability and change in individual behavior. *Psychological Review*, 68:21-32, 1961.
- SECORD, PAUL F., and BACKMAN, CARL W.: An interpersonal approach to personality. In: *Progress in experimental personality research*. Vol. 2. New York, Academic Press, 1965, p. 91-125.
- SECORD, P. F., BACKMAN, C. W., and MEREDITH, H. E.: Cue-dominance in person perception as a function of strength of perceiver-need. *Journal of Social Psychology*, 58:305-313, 1962.
- SECORD, P. F., and BERSCHIED, ELLEN S.: Stereotyping and the generality of implicit personality theory. *Journal of Personality*, 31:65-78, 1963.
- SECORD, P. F., and SAUMER, ELLEN: Identifying Jewish names: Does prejudice increase accuracy? *Journal of Abnormal and Social Psychology*, 61:144-145, 1960.
- SECORD, P. F., STRITCH, T. M., and JOHNSON, LINDA: The role of metaphorical generalization and congruency in the perception of facial characteristics. *Journal of Social Psychology*, 52:329-337, 1960.
- MH-1895 (R01) GRANT, RONALD, and WARREN, JOHN M.: Unilateral cortical lesions and learning in monkeys. Stanford University, Stanford, Calif. (1957-61)
- BALL, G. G., and WARREN, J. M.: Maturation of Umweg learning in white leghorn chicks. *Journal of Comparative and Physiological Psychology*, 53(3), 273-274, 1960.
- BROOKSHIRE, K. H., and WARREN, J. M.: The generality and consistency of handedness in monkeys. *Animal Behavior*, 10:3-4, 1962.
- FORWARD, EDNA, WARREN, J. M., and HARA, KAZUO: The effects of unilateral lesions in sensorimotor cortex on manipulation by cats. *Journal of Comparative and Physiological Psychology*, 55(5): 1130-1135, 1962.
- HARA, KAZUO: Visual defects resulting from fustriate cortical lesions in cats. *Journal of Comparative and Physiological Psychology*, 55(3):293-298, 1962. (Also acknowledges MH-3396 and MH-1364)
- WARREN, J. M.: Reversal learning by paradise fish (*Macropodus opercularis*). *Journal of Comparative and Physiological Psychology*, 53(4):376-378, 1960.
- WARREN, J. M.: The effect of telencephalic injuries on learning by paradise fish *Macropodus opercularis*. *Journal of Comparative and Physiological Psychology*, 54(2):130-132, 1961.
- WARREN, J. M., and AKERT, K.: Impaired problem solving by cats with thalamic lesions. *Journal of Comparative and Physiological Psychology*, 53(2): 207-211, 1960. (Also acknowledges MH-1364)
- WARREN, J. M., and BROOKSHIRE, K. H.: Stimulus generalization and discrimination learning by primates. *Journal of Experimental Psychology*, 58(5):348-351, 1959.
- WARREN, J. M., BROOKSHIRE, K. H., BALL, G. G., and REYNOLDS, D. V.: Reversal learning by white leghorn chicks. *Journal of Comparative and Physiological Psychology*, 54(4):371-375, 1961.
- WARREN, J. M., GRANT, R., HARA, K., and LEARY, R. W.: Impaired learning by monkeys with unilateral lesions in association cortex. *Journal of Comparative and Physiological Psychology*, 56(2): 241-253, 1963. (Also acknowledges MH-3396)
- YAMAGUCHI, S., WARREN, J. M., and HARA, K.: Alternation and delayed alternation by cats with premotor lesions. *Journal of Comparative and Physiological Psychology*, 56:824-828, 1963. (Also acknowledges MH-1364)
- MH-1901 (R01) ROMANO, JOHN, and ENGEL, GEORGE L.: Cerebral proline metabolism. University of Rochester, Rochester, N.Y. (1957-59)
- DINGMAN, W., and SPORN, M. B.: The penetration of proline and proline derivatives into brain. *Journal of Neurochemistry*, 4:148-153, 1959.
- DINGMAN, WESLEY, and SPORN, MICHAEL: The incorporation of 8-azaguanine into rat brain RNA and its effect on maze learning by the rat: An inquiry into the biochemical basis of memory. *Journal of Psychiatric Research*, 1:1-11, 1961.
- DINGMAN, W., SPORN, M. B., and DAVIES, R. K.: The chemical fractionation of rat brain proteins. *Journal of Neurochemistry*, 4:154-160, 1960.
- SPORN, M. B., DINGMAN, W., and DEFALCO, A.: A method for studying metabolic pathways in the brain of the intact animal. *Journal of Neurochemistry*, 4:141, 1959.
- SPORN, M. B., DINGMAN, W., DEFALCO, A., and DAVIES, R. K.: The synthesis of urea in the living rat brain. *Journal of Neurochemistry*, 5:62, 1959.
- SPORN, M. B., DINGMAN, W., DEFALCO, A., and DAVIES, R. K.: Formation of urea from arginine in the brain of the living rat. *Nature*, 183:1520, 1959.
- MH-1902 (R01) WALASZEK, EDWARD J., MINZ, BRUNO, and CHAPMAN, JOHN E.: The role of humoral agents in cerebral activity. University of Kansas Medical Center, Kansas City, Kans. (1957- )
- BERNSTEIN, J., MAZUR, W. P., and WALASZEK, E. J.: The histaminolytic activity of serum from schizophrenic patients. *Medicina Experimentalis*, 2:239-244, 1960.

- BUNAG, R. D., and WALASZEK, E. J.: Mechanism of the serotonin depressor response following BAS-phenol administration on the dog. *Experientia*, 17:503-506, 1961.
- BUNAG, R. D., and WALASZEK, E. J.: The depressor effect of tryptamine and serotonin on chicken blood pressure. *Journal of Pharmacology*, 133: 52-56, 1961.
- BUNAG, R. D., and WALASZEK, E. J.: Blockade of depressor responses to serotonin and tryptamine by lysergic acid derivatives in the chicken. *Archives Internationales de Pharmacodynamie et de Therapie*, 135:142-151, 1962.
- BUNAG, R. D., and WALASZEK, E. J.: Cardiovascular pharmacology of the domestic fowl. *Japanese Journal of Pharmacology*, 11:171-198, 1962.
- BUNAG, R. D., and WALASZEK, E. J.: The mechanism of serotonin and tryptamine induced vaso-depression in the chicken. *Journal of Pharmacology*, 135:151-156, 1962.
- BUNAG, R. D., and WALASZEK, E. J.: Differential antagonism by BAS-phenol of responses to the indolealkylamines. *Journal of Pharmacology*, 136: 59-67, 1962.
- BUNAG, R. D., and WALASZEK, E. J.: The latent vasopressor effect of serotonin in the chicken. *Archives Internationales de Pharmacodynamie et de Therapie*, 143:108-118, 1963.
- BURFORD, H., LEICK, J., and WALASZEK, E. J.: Modification of the effects of biogenic amines on the heart by iproniazid. *Archives Internationales de Pharmacodynamie et de Therapie*, 128:39-50, 1960.
- CHAPMAN, J. E., and WALASZEK, E. J.: Inhibition of diamine oxidase by bulbo-capnine. *Biochemical Pharmacology*, 11:205-210, 1962.
- CHAPMAN, J. E., and WALASZEK, E. J.: Potentiation of mistamine responses by bulbo-capnine. *Medicina Experimentalis*, 6:95-100, 1962.
- CHAPMAN, J. E., and WALASZEK, E. J.: Antagonism of some toxic effects of dextropropoxyphene by nalorphine. *Toxicology and Applied Pharmacology*, 4:752-758, 1962.
- MINZ, BRUNO, and WALASZEK, EDWARD J.: Sur la presence de substances biologiquement actives dans le schizophrènes. *Comptes Rendus Academie des Sciences*, 244(14):1974-1976, 1957.
- MINZ, BRUNO, and WALASZEK, EDWARD J.: Sur le mecanisme de l'inhibition de la reaction corticale a l'adrenaline chez des lapins traites avec du serum de schizophrènes. *Comptes Rendus Academie des Sciences*, 246(8):1326-1328, 1958.
- MINZ, B., and WALASZEK, E. J.: Effects of amino oxidase inhibitors on cerebral cortical responses to epinephrine. *Annals of the New York Academy of Sciences*, 80:617-624, 1959.
- MINZ, BRUNO, and WALASZEK, EDWARD J.: Effects of serum from schizophrenics on epinephrine sensitive elements in the rabbit brain. *Journal of Nervous and Mental Disease*, 130:420-425, 1960.
- NICHOLS, R. E., and WALASZEK, E. J.: Antagonism of drug induced catatonia. (Abstract) *Federation Proceedings*, 24(2)Part 1:390, 1965.
- SMITH, CARROLL M., and WALASZEK, EDWARD J.: Interaction of substance p and other smooth muscle stimulants with LSD-25 on the guinea pig ileum. *Archives Internationales de Pharmacodynamie et de Therapie*, 138:429-436, 1962.
- WALASZEK, EDWARD J.: Brain neurohormones and cortical epinephrine pressor responses as affected by schizophrenic serum. *International Review of Neurobiology*, 2:137-173, 1960.
- WALASZEK, E. J., and BURFORD, H.: Modification of the vasopressor effect of tryptamine and tyramine by reserpine. *Archives Internationales de Pharmacodynamie et de Therapie*, 143:543-549, 1963.
- WALASZEK, E. J., and CHAPMAN, J. E.: Bulbo-capnine: An adrenergic and serotonin blocking agent. *Journal of Pharmacology*, 137:285-290, 1962.
- MH-1903 (R01) HELLER, JOHN H., BOROFF, DANIEL A., and MEIER, R. M.: Some side effects of ataractic drugs. New England Institute for Medical Research, Ridgefield, Conn. (1957-59)
- BOROFF, D. A., MEIER, R. M., and HELLER, J. H.: Studies of antibodies against organantigens: I. Effects of anti-mouse spleen serum upon the reticuloendothelial system. *Journal of Immunology*, 79:34-38, 1957.
- HELLER, JOHN H.: Measurement of the function of the reticuloendothelium. *Annals of the New York Academy of Sciences*, 73:212-220, 1958.
- MH-1904 (R01) EDELBERG, ROBERT, BURCH, NEIL R., CHILDERS, HAROLD E., GREINER, THEODORE H., and LHAMON, WILLIAM T.: Components and functions of the galvanic skin reflex. Baylor University, Houston, Texas. (1957- )
- EDELBERG, R.: A biophysical basis for expressing the GSR as a change in conductance. *Psychophysiology Newsletter*, 6:9-12, 1960.
- EDELBERG, R.: The relationship between the galvanic skin response, vasoconstriction, and tactile sensitivity. *Journal of Experimental Psychology*, 62: 187-195, 1961.
- EDELBERG, ROBERT: Response of cutaneous water barrier to ideational stimulation. *Journal of Comparative and Physiological Psychology*, 61(1):28-33, 1966.
- EDELBERG, R., and BURCH, N. R.: Possible sensitizing of tactile receptors by the galvanic reflex. (Abstract) *Federation Proceedings*, 17:150, 1958.



- EDELBERG, R., and BURCH, N. R.: Skin resistance and galvanic skin response, influence of surface variables and methodological implications. *Archives of General Psychiatry*, 7:163-169, 1962.
- EDELBERG, R., GREINER, T., and BURCH, N. R.: Some membrane properties of the effector in the galvanic skin response. *Journal of Applied Physiology*, 15(4):691-696, 1960. (Also acknowledges MH-3360)
- EDELBERG, ROBERT, and WRIGHT, DAVID J.: Two galvanic skin response effector organs and their stimulus specificity. *Psychophysiology*, 1(1):39-47, 1964.
- HOLMQUEST, DONALD, and EDELBERG, ROBERT: Problems in the analysis of the endosomatic galvanic skin response. *Psychophysiology*, 1(1):48-54, 1964.
- MARTIN, R. D., and EDELBERG, R.: The relationship of skin resistance changes to receptivity. *Journal of Psychosomatic Research*, 7:173-179, 1963.
- MAULSBY, R. L., and EDELBERG, R.: The interrelationship between the galvanic skin response, basal resistance and temperature. *Journal of Comparative and Physiological Psychology*, 53:475-479, 1960.
- MH-1905 (R01) EHRENTHEIL, OTTO F., and MARCHAND, WALTER E.: Medical and surgical problems in psychotic patients. Tufts University, Medford, Mass. (1957-60)
- EHRENTHEIL, O. F.: The methodological importance of distinguishing two separate causal chains which together produce the clinical picture of psychosis. *American Journal of Psychiatry*, 115:220-225, 1958.
- EHRENTHEIL, O. F.: Some remarks about somato-psychic compared to psychosomatic relationships. *Psychosomatic Medicine*, 21:1-7, 1959.
- EHRENTHEIL, O. F., and MARCHAND, W. E.: Clinical medicine and the psychotic patient. Springfield, Ill., C. C. Thomas, 1960, 408 p.
- EHRENTHEIL, O. F., and MUENCH, H.: Survival rate of patients hospitalized with the diagnosis of general paresis. *Journal of Chronic Diseases*, 9:41-54, 1959.
- MARCHAND, W. E.: The practice of medicine in a neuropsychiatric hospital. *A. M. A. Archives of Neurology and Psychiatry*, 80:599-611, 1958.
- MARCHAND, W. E.: Heat prexia following a hypotherapeutic procedure. *Archives of Physical Medicine and Rehabilitation*, 39:701-703, 1958.
- MARCHAND, W. E.: Practice of surgery in a neuropsychiatric hospital. *A. M. A. Archives of General Psychiatry*, 1:123-131, 1959.
- MARCHAND, W. E.: An unusual case of neostigmine bromide poisoning. *Gastroenterology*, 36:877-880, 1959.
- MARCHAND, W. E.: Occurrence of painless acute surgical disorders in psychotic patients. *New England Journal of Medicine*, 260:580-585, 1959.
- MH-1908 (R01) STOUFFER, SAMUEL A.: Exploratory studies in the behavioral sciences. Harvard University, Cambridge, Mass. (1957-60)
- MILLS, THEODORE M.: Some hypotheses on small groups from Simmel. *American Journal of Sociology*, 63(6):642-650, 1958.
- MILLS, THEODORE M.: Equilibrium and the processes of deviance and control. *American Sociological Review*, 24:671-679, 1959.
- MH-1911 (R01) KALLMANN, FRANZ J., and JARVIK, LISSY F.: Longitudinal twin study on aging. New York State Psychiatric Institute, New York, N.Y. (1957-59)
- FALEK, A., KALLMANN, F. J., LORGE, I., and JARVIK, L. F.: Longevity and intellectual variation in a senescent twin population. *Journal of Gerontology*, 15(3):305-309, 1960.
- JARVIK, L. F.: Genetic variations in disease resistance and survival potential. In: Kallman, F. J., ed. *Expanding goals of genetics in psychiatry*. New York, Grune & Stratton, 1962.
- JARVIK, L.: Biological differences in intellectual functioning. *Vita Humana*, 5(4):195-203, 1962.
- JARVIK, L. F.: Sex differences in longevity. In: Beigel, H. G., ed. *Advances in sex research*. New York, Harper & Row, 1963.
- JARVIK, L. F., and FALEK, A.: Cancer rates in aging twins. *American Journal of Human Genetics*, 13:413-422, 1961.
- JARVIK, L. F., and FALEK, A.: Comparative data on cancer in aging twins. *Cancer*, 15(5):1009-1018, 1962.
- JARVIK, L. F., and FALEK, A.: Intellectual stability and survival in the aged. *Journal of Gerontology*, 18:173-176, 1963.
- JARVIK, L. F., FALEK, A., KALLMANN, F. J., and LORGE, I.: Survival trends in a senescent twin population. *American Journal of Human Genetics*, 12:170-179, 1960.
- JARVIK, L. F., KALLMANN, F. J., and FALEK, A.: Intellectual changes in aged twins. *Journal of Gerontology*, 17(3):289-294, 1962.
- JARVIK, L. F., KALLMANN, F. J., LORGE, I., and FALEK, A.: Longitudinal study of intellectual changes in senescent twins. In: Tibbitts, C., and Donahue, W., eds. *Social and psychological aspects of aging*. New York, Columbia University Press, 1962.

- KALLMANN, F. J.: Genetic factors in aging: Comparative and longitudinal observations on a senescent twin population. In: Hoch, P. H., and Zubin, J., eds. *Psychopathology of aging*. New York, Grune & Stratton, 1961, p. 227-247.
- KALLMANN, F. J., and JARVIK, L. F.: Twin data on genetic variations in resistance to tuberculosis. In: Gedda, L., ed. *Genetica della tubercolosi e dei tumori*. Rome, Gregor Mendel Institute, 1958, p. 216-263.
- KALLMANN, F. J., and JARVIK, L. F.: Individual differences in constitution and genetic background. In: Birren, J. E., ed. *Handbook of aging and the individual: Psychological and biological aspects*. Chicago, University of Chicago Press, 1959, p. 216-263.
- KALLMANN, F. J., JARVIK, L. F., and FALEK, A.: Psychiatric genetics and aging. *Gerontologist*, 2(3):164-166, 1962.
- MH-1915 (R03) ROSS, WILLIAM T., and ROSS, GOLDA VAN BUSKIRK: A mental health study of the Mescalero tribe. Individual. East Lansing, Mich. (1957-58)
- ROSS, WILLIAM T.: Some guidance problems among the Mescalero Apache Indians. Akten Des 34. Internationalen Amerikanisten-Kongresses, Vienna, 1960, p. 569-577.
- ROSS, WILLIAM T., and VAN BUSKIRK, GOLDA: Rorschach protocols of 63 Mescalero Apaches. In: Kaplan, Bert, ed. *Microcard publications of primary records in culture and personality, Vol. III*. Madison, Wisconsin, University of Wisconsin Press, 1961.
- MH-1917 (R01) STAFFORD, JOHN W., and RUBENFELD, SEYMOUR: Peer group determinants in the delinquent process. Catholic University of America, Washington, D.C. (1957-59)
- RUBENFELD, SEYMOUR, and STAFFORD, JOHN W.: An adolescent inmate social system—A psychosocial account. *Psychiatry*, 26:241-256, 1963.
- MH-1918 (R01) HUNT, HOWARD F.: Effects of drugs on emotional and abnormal behavior. University of Chicago, Chicago, Ill. (1957-60)
- GINSBURG, B. E.: Causal mechanisms in audiogenic seizures. *Psychophysiologie Neuropsychologie et Biochimie de la Crise Audiogene, Colloques Internationaux du Centre National de la Recherche Scientifique*, 112:227-240, 1963. (Also acknowledges MH-3361 and MH-7279)
- GINSBURG, B. E.: Genetics and personality. In: Wepman, J., and Heine, R., eds. *Concepts of personality*. Chicago, Aldine Press, 1963, p. 63-78. (Also acknowledges MH-3361 and MH-7279)
- HALASZ, M. F.: Some effects of varying the duration of an exteroceptive warning stimulus on concurrent avoidance and appetitive responses. *Journal of the Experimental Analysis of Behavior*, 4:287, 1961. (Also acknowledges MH-3361 and MH-7279)
- HARVEY, J. A., HELLER, A., and MOORE, R.: The effect of unilateral and bilateral medial brain bundle lesions on brain serotonin. *Journal of Pharmacology and Experimental Therapeutics*, 140:103-110, 1963. (Also acknowledges MH-3361 and MH-7279)
- HARVEY, J. A., LINTS, C. E., JACOBSON, L. E., HUNT, H. F.: Effects of lesions in the septal area on conditioned fear and discrimination in mental punishment in the albino rat. *Journal of Comparative and Physiological Psychology*, 37-48, 1965. (Also acknowledges MH-3361 and MH-7279)
- HELLER, A., HARVEY, J. A., HUNT, H. F., ROTH, L. J.: Effect of lesions in the septal area of the rat on sleeping time under barbiturate anesthesia. *Science*, 131:662-663, 1961. (Also acknowledges MH-3361 and MH-7279)
- HELLER, A., HARVEY, J. A., and MOORE, R.: A demonstration of a fall in brain serotonin following central nervous system lesions in the rat. *Biochemical Pharmacology*, 11:859-866, 1963. (Also acknowledges MH-3361 and MH-7279)
- HUNT, H. F.: Non-empiric approaches from basic sciences: Psychology. In: Feathers, R. M., and Simon, A., eds. *A pharmacological approach to the study of the mind*. Springfield, Ill., Thomas, 1959, p. 82-94. (Also acknowledges MH-3361 and MH-7279)
- HUNT, H. F.: Some applications of conditioned "fear". In: Uhr, L., and Miller, J. G., eds. *Drugs and behavior*. New York, Wiley, 1961, p. 227-231. (Also acknowledges MH-3361 and MH-7279)
- HUNT, H. F.: Physiology and drug action: Behavioral implications. *Federation Proceedings*, 629-634, 1960. (Also acknowledges MH-3361 and MH-7279)
- HUNT, H. F.: Methods for studying the behavioral effects of drugs. In: Cutting, W., Driesbach, and Elliott, H. W., eds. *Annual reviews of pharmacology*. Vol. 1. Palo Alto, Calif., Annual Reviews, 1961, p. 125-154. (Also acknowledges MH-3361 and MH-7279)
- HUNT, HOWARD F.: Electro-convulsive shock and learning. *Transactions of the New York Academy of Sciences, Ser. II*, 27(8):923-945, 1965. (Also acknowledges MH-3361)
- MOORE, R. Y.: Effects of some rhinencephalic lesions on retention of conditioned avoidance behavior in cats. *Journal of Comparative Physiological Psychology*, 57:65-71, 1964. (Also acknowledges MH-3361 and MH-7279)

- MH-1919 (R03) BEARD, BELLE BOONE: Measurement of social competence of centenarians. Sweet Briar College, Sweet Briar, Va. (1957-59)
- BEARD, BELLE B.: Centenarian response to projective techniques: The use of the H-T-P in the measurement of personality structure. In: Proceedings of the 4th Congress of the International Association of Gerontology, Merano-Venice, Italy, July 14-21, 1957. Vol. 4. 1959, p. 125-136.
- BEARD, BELLE B.: Longevity and the never-married. In: Tibbitts, C., and Donahue, W., eds. *Social and psychological aspects of aging*. New York, Columbia University Press, 1962, p. 36-50.
- BEARD, BELLE B.: The relation of sociological to biological research in gerontology. *Geriatrics*, 14 (11):657-665, 1959. Also in: Vedder, Clyde B., ed. *Gerontology, a book of readings*. Springfield, Ill., C. C. Thomas, 1963.
- MH-1922 (R03) BECHTOLDT, HAROLD P.: Sampling stability of factor analysis results. State University of Iowa, Iowa City, Iowa. (1957-58)
- BECHTOLDT, H. P.: An empirical study of the factor analysis stability hypothesis. *Psychometrika*, 26: 405-432, 1961.
- MH-1926 (R03) BEIER, ERNST G.: Cues influencing judgment of personality features. University of Utah, Salt Lake City, Utah. (1957-57)
- BEIER, E. G., and STUMPF, JOHN: Cues influencing judgment of personality characteristics. *Journal of Consulting Psychology*, 23(3):225-319, 1959.
- MH-1927 (R03) SECORD, PAUL F., and BACKMAN, CARL W.: Role of malocclusion in interpersonal adjustment. Nevada State Department of Health, Carson City, Nev. (1957-57)
- SECORD, P. F., and BACKMAN, C. W.: Malocclusion and psychological factors. *Journal of the American Dental Association*, 59:931-938, 1959. (Also acknowledges MH-1892)
- MH-1928 (R01) TUTTLES, ALEXANDER J., KEEHN, ROBERT J., and WAXMAN, BRUCE D.: Family injury survey. Connecticut State Department of Health, Hartford, Conn. (1957-62)
- MARSHALL, JAMES W., and WAXMAN, BRUCE D.: An empirical study of the relationship between certain personality dimensions and the incidence of accidental injuries. *Connecticut Health Bulletin*, 73(11):337-352, 1959.
- TUTTLES, ALEXANDER J., BONATO, ROLAND, and WAXMAN, BRUCE D.: Preliminary epidemiological findings of the family injury survey. *Connecticut Health Bulletin*, 74:45-69, 1960.
- TUTTLES, ALEXANDER J., and WAXMAN, BRUCE D.: Preliminary findings of the family injury survey on the relationship between home environmental conditions and accidental injuries. *Connecticut Health Bulletin*, 74(June), 1960.
- WAXMAN, BRUCE D., BONATO, ROLAND, and CAMPBELL, PATRICIA C.: The relationship of physical health to the incidence of accidents. *Journal of Trauma*, 1:536-546, 1961.
- WAXMAN, BRUCE D., and CAMPBELL, PATRICIA C.: Preliminary findings of the family injury survey on the relationship between physical health and the incidence of accidental injuries. *Connecticut Health Bulletin*, 74(August), 1960.
- WAXMAN, BRUCE B., KEEHN, ROBERT J., and TUTTLES, ALEXANDER, J.: Family injury survey: Preliminary report—prospective study of relationship between occurrence of accidents and measurable human characteristics. *Connecticut Health Bulletin*, 72(6), 1958.
- WAXMAN, BRUCE D., and PRZASNYSKI, RICHARD P.: Forecast from the family injury survey: A preliminary report with special emphasis on the older age group. *Aging in Connecticut*, 2(3):20-30, 1959.
- MH-1929 (R03) VOGT, EVON Z.: Processes of cultural change among Indians of Chiapas. Harvard University, Cambridge, Mass. (1957-57)
- MILLER, FRANK C.: Tzotzil domestic groups. *Journal of the Royal Anthropological Institute*, 94(2): 172-182, 1964. (Also acknowledges MH-2100)
- MILLER, FRANK C.: Cultural change as decision-making: A Tzotzil example. *Ethnology*, 4(1): 53-65, 1965. (Also acknowledges MH-2100)
- MH-1930 (R03) NAROLI, RAOUL S.: Cross-cultural index of emotional maladjustment. Los Angeles State College of Applied Arts and Sciences, Los Angeles, Calif. (1957-57)
- NAROLI, RAOUL: A tentative index of culture-stress. *International Journal of Social Psychiatry*, 5:107-116, 1959. (Also acknowledges MH-2453)
- NAROLI, RAOUL: Controlling data quality. *Symposium of the National Institute of Social and Behavioral Science, Series Research in Social Psychology*, No. 4:1-6, 1960. (Also acknowledges MH-2453)
- NAROLI, RAOUL: Projet d'un index de la pression culturelle. *Revue de Psychologie des Peuples*, 16: 163-178, 1961. (Also acknowledges MH-2453)
- NAROLI, RAOUL: Data quality control. New York, Free Press, 1962, 198 p. (Also acknowledges MH-2453)
- MH-1932 (R03) MYERS, JEROME L.: Experimental analysis of cooperative behavior. University of Massachusetts, Amherst, Mass. (1957-58)

MH-1934 (R03) SPIVACK, GEORGE, and LEVINE, MURRAY: Spiral aftereffect, correlates and parameters. Devereux Schools, Devon, Pa. (1957-58)

SPIVACK, G., and LEVINE, M.: Spiral aftereffect and measures of satiation in brain-injured and normal subjects. *Journal of Personality*, 27:211-227, 1959.

MH-1936 (R03) ALEXANDER, IRVING E.: Religion and reactions to death: A pilot study. Princeton University, Princeton, N.J.: (1957-58)

ALEXANDER, I. E., and ADLERSTEIN, A. M.: Death and religion: In: Feifel, H., ed. *The meaning of death*. New York, McGraw-Hill, 1959, p. 271-283.

ALEXANDER, I. E., and ADLERSTEIN, A. M.: Studies in the psychology of death. In: David, H., and Brengelmann, R., eds. *Perspectives in personality research*. New York, Springer, 1960.

MH-1938 (R01) SASLOW, GEORGE, and MATARAZZO, JOSEPH D.: Human interaction in the interview situation. University of Oregon Medical School, Portland, Ore. (1957-64) (Continued from MH-1107)

ALLEN, BERNADENE V., WIENS, ARTHUR N., WEITMAN, MORRIS, and SASLOW, GEORGE: Effects of warm-cold set on interviewee speech. *Journal of Consulting Psychology*, 29(5):480-482, 1965.

KANFER, F. H., and MATARAZZO, J. D.: Secondary and generalized reinforcement in human learning. *Journal of Experimental Psychology*, 58(5):400-404, 1959. (Also acknowledges MH-2027)

KANFER, F. H., PHILLIPS, JEANNE S., MATARAZZO, J. D., and SASLOW, G.: Experimental modification of interviewer content in standardized interviews. *Journal of Consulting Psychology*, 24:528-536, 1960. (Also acknowledges MH-1107)

MATARAZZO, J. D.: Prescribed behavior therapy: Suggestions from interview research. In: Bachrach, A. J., ed. *Experimental foundations of clinical psychology*. New York, Basic Books, 1962, p. 471-509. (Also acknowledges MH-735 and 1107)

MATARAZZO, J. D., and SASLOW, G.: Differences in interview interaction behavior among normal and deviant groups. In: Berg, I. A., and Bass, B. M., eds. *Conformity and deviation*. New York, Harper & Bros., 1961, p. 286-327. (Also acknowledges MH-1107)

MATARAZZO, J. D., SASLOW, G., and HARE, A. P.: Factor analysis of interview interaction behavior.

MATARAZZO, J. D., SASLOW, G., MATARAZZO, G., and PHILLIPS, JEANNE S.: Stability and reliability of personality patterns manifested on a standardized interview. In: Hoch, P. S., Zubin, J., eds. *Psychopathology of communication*. New York, Grune & Stratton, 1958, p. 98. (Also acknowledges MH-1107)

MATARAZZO, J. D., SASLOW, G., and PAREIS, J.: Verbal conditioning of two response classes: methodological considerations. *Journal of Abnormal and Social Psychology*, 61:190-206, 1963. (Also acknowledges MH-1107)

MATARAZZO, J. D., WEITMAN, M., and SASLOW, G.: Interview content and interviewee speech: methodological considerations. *Journal of Clinical Psychology*, 19:463-472, 1963. (Also acknowledges MH-1107)

MATARAZZO, J. D., WEITMAN, M., SASLOW, G., and WIENS, A. N.: Interviewer influence on duration of interviewee speech. *Journal of Verbal Learning and Verbal Behavior*, 1(6):451-458, 1962. (Also acknowledges MH-1107)

MATARAZZO, RUTH G., MATARAZZO, J. D., SASLOW, G., and PHILLIPS, JEANNE S.: Psychological and organismic correlates of interview interaction behavior. *Journal of Abnormal and Social Psychology*, 56(3):329-338, 1958. (Also acknowledges MH-1107)

MATARAZZO, RUTH G., PHILLIPS, JEANNE S., WIENS, ARTHUR N., and SASLOW, GEORGE: Learning the art of interviewing: A study of beginning students do and their pattern of change. *Psychotherapy: Theory, Research and Practice*, 2(2):49-60, 1965.

PHILLIPS, JEANNE S., MATARAZZO, J. D., MATARAZZO, RUTH G., and SASLOW, G.: Observer reliability of interaction patterns during interview. *Journal of Consulting Psychology*, 21:26-30, 1957. (Also acknowledges MH-1107)

SASLOW, G., HARE, A. P., WAXLER, NANCY, and MATARAZZO, J. D.: Simultaneous recording of verbal and nonverbal interaction measures during psychiatric interviews. *Journal of Consulting Psychology*, 24(2):193, 1960. (Also acknowledges MH-1107)

SASLOW, GEORGE, and MATARAZZO, JOSEPH D.: A technique for studying changes in interview interaction behavior. In: Strupp, H. H., and Luborsky, J., eds. *Research in psychotherapy*. Washington, American Psychological Association, 1959, p. 159. (Also acknowledges MH-1107)

SASLOW, G., MATARAZZO, J. D., and HESS, W.: Frequency and duration characteristics of speech and silence behavior during interviews. *Journal of Clinical Psychology*, 18:416-426, 1962. (Also acknowledges MH-1107)

- SASLOW, G., MATARAZZO, J. D., PHILLIPS, JEANNE S., and MATARAZZO, RUTH G.: Test-retest stability of interaction patterns during interviews conducted one week apart. *Journal of Abnormal and Social Psychology*, 54(3):295-302, 1957. (Also acknowledges MH-1107)
- WIENS, A. N., MATARAZZO, J. D., and SASLOW, G.: The interaction recorder: An electronic punched paper tape unit for recording speech behavior during interviews. *Journal of Clinical Psychology*, 21(2):142-145, 1965.
- MH-1940 (R03) DOOB, LEONARD W.: Methodological problems in studying acculturation. Yale University, New Haven, Conn. (1957-57)
- DOOB, L. W.: The effect of the Jamaican patois on attitude and recall. *American Anthropologist*, 60: 574-575, 1958.
- DOOB, LEONARD: On the nature of uncivilized and civilized people. *Journal of Nervous and Mental Disease*, 126:513-522, 1958.
- DOOB, L. W.: Attitudes and the availability of knowledge concerning traditional beliefs. *Journal of Abnormal and Social Psychology*, 59:286-290, 1959.
- DOOB, L. W.: Becoming more civilized. New Haven, Yale University Press, 1960.
- DOOB, L. W.: Communication in Africa: A search for boundaries. New Haven, Conn., Yale University Press, 1961, 406 p.
- MH-1945 (R01) HSIA, DAVID Y.: Blood group linkage in phenylketonuria. Northwestern University, Chicago, Ill. (1957-61)
- HSIA, DAVID Y. Y.: Phenylketonuria: The phenylalanine tyrosine ratio in the detection of the heterozygous carriers. *Journal of Mental Deficiency Research*, 2(1):8-16, 1958.
- HSIA, DAVID Y. Y.: Enzyme and mental deficiency. In: Bowman, P. W., and Mautner, H. V., eds. *Mental retardation* (Proceedings of the First International Conference on Mental Retardation). New York, Grune & Stratton, 1960, p. 65-82. (Also acknowledges MH-2630)
- HSIA, DAVID Y. Y.: Recent advances in the biochemical detection of heterozygous carriers in hereditary diseases. *Metabolism*, 9(4):301-315, 1960.
- HSIA, DAVID Y. Y.: Medical progress: Medical genetics. *New England Journal of Medicine*, 62: 1222, 1273, and 1318, 1960. (Also acknowledges MH-2630)
- HSIA, DAVID Y. Y., and HUANG, I.: The metabolism of indole compounds in phenylketonuria. *Cerebral Palsy Bulletin*, 3:237-243, 1961.
- HSIA, DAVID Y. Y., ROWLEY, W. R., and HUANG, I.: The excretion of 5-hydroxyindole acetic acid in the heterozygous carrier for phenylketonuria. *Journal of Mental Deficiency Research*, 5(1):4-9, 1961.
- HSIA, DAVID Y. Y., ROWLEY, W., and RASKIN, N. J.: Clinical management of phenylketonuria. *Quarterly Bulletin of the Northwestern University Medical School*, 36:25-33, 1962. (Also acknowledges MH-2630)
- HSIA, D. Y. Y., and STEINBERG, A. G.: Studies on linkage between phenylketonuria and the blood groups. *American Journal of Human Genetics*, 12:277-282, 1960.
- HUANG, I., TANNENBAUM, S., BLUME, L., and HSIA, DAVID Y. Y.: Metabolism of 5-hydroxyindole compounds in experimentally produced phenylketonuric rats. *Proceedings of the Society for Experimental Biology and Medicine*, 106:533-536, 1961. (Also acknowledges MH-2630)
- SLACK, J., SIMPSON, K., and HSIA, DAVID Y. Y.: Hereditary metabolic disorders involving the nervous system. *Pediatric Clinics of North America*, 7(3):627-661, 1960. (Also acknowledges MH-2630)
- MH-1947 (R01) WESTERFELD, W. W., and SCHULMAN, MARTIN P.: Metabolism of ethyl alcohol. State University of New York Upstate Medical Center, Syracuse, N.Y. (1957- )
- SNYDER, ROBERT, SCHULMAN, MARTIN P., and WESTERFELD, W. W.: The incorporation of various substrates into acetyl sulfanilamide and CO<sub>2</sub> by pigeon liver slices. *Archives of Biochemistry and Biophysics*, 108(2):215-220, 1964.
- WESTERFELD, W. W., and SCHULMAN, M. P.: Some biochemical aspects of the alcohol problem. *Quarterly Journal of Studies on Alcohol*, 20(3):439-451, 1959.
- MH-1948 (R03) MASUDA, MINORU: Indolic excretion in normal subjects after LSD. University of Washington, Seattle, Wash. (1957-58)
- MASUDA, MINORU, and DORPAT, THEODORE L.: Urinary aromatic metabolites in normal subjects after LSD. *Journal of Nervous and Mental Disease*, 130:224-229, 1960. (Also acknowledges MH-2552)
- MH-1949 (R01) LINDZEY, GARDNER: Development of the thematic apperception test. University of Minnesota, Minneapolis, Minn. (1957-61)
- LINDZEY, G.: Thematic Apperception Test: The strategy of research. *Journal of Projective Techniques*, 22:173-180, 1958.
- LINDZEY, G.: On the classification of projective techniques. *Psychological Bulletin*, 56:158-168, 1959.

- LINDZEY, G.: Projective techniques and cross-cultural research. New York, Appleton-Century-Crofts, 1961, 339 p.
- LINDZEY, G., BRADFORD, JEAN, TEJESSY, CHARLOTTE, and DAVIDS, A.: Thematic Apperception Test: An interpretive lexicon for clinician and investigator. *Journal of Clinical Psychology*, Monograph Supplement No. 12, April, 1959, 98 p.
- LINDZEY, G., and KALNINS, DAGNY: Thematic Apperception Test: Some evidence bearing on the "hero assumption." *Journal of Abnormal and Social Psychology*, 57:76-83, 1958.
- LINDZEY, G., and SILVERMAN, M.: Thematic Apperception Test: Techniques of group administration, sex differences, and the role of verbal productivity. *Journal of Personality*, 27:311-323, 1959.
- LINDZEY, G., TEJESSY, CHARLOTTE, and ZAMANSKY, H.: Thematic Apperception Test: An empirical examination of some indices of homosexuality. *Journal of Abnormal and Social Psychology*, 57: 67-75, 1958.
- MH-1950 (R01) MORGAN, RICHARD D., and EPSTEIN, LEON J.: Effect of ataraxic drugs on hospital release rates. California State Department of Mental Hygiene, Sacramento, Calif. (1957-59)
- EPSTEIN, L. J., and MORGAN, R. D.: Trends in release rates of schizophrenic patients. *Comparative Psychiatry*, 2:196-202, 1961.
- EPSTEIN, L. J., MORGAN, R. D., and REYNOLDS, L.: An approach to the effect of ataraxic drugs on hospital release rates. *American Journal of Psychiatry*, 119(1):36-47, 1962.
- MORGAN, R. D., and COOK, L. R.: Relationship of methods of admission to length of stay in state hospitals. *Public Health Reports*, 78(7):619-129, 1963.
- MH-1951 (R01) FISHER, ALAN E.: Chemical stimulation of local brain areas. University of Pittsburgh, Pittsburgh, Pa. (1957- ) (Continued from MH-1316)
- FERGUSON, DONALD C., and FISHER, ALAN E.: Behavior disruption in cebus monkeys as a function of injected substances. *Science*, 139:1281-1282, 1964.
- FISHER, ALAN E.: Behavior as a function of certain neurobiochemical events. In: Current trends in psychological theory. Pittsburgh, Pa., University of Pittsburgh Press, 1960, p. 70-86.
- FISHER, ALAN E.: Effects of stimulus variation on sexual satiation in the male rat. *Journal of Comparative and Physiological Psychology*, 55:614-620, 1962. (Also acknowledges MH-1316)
- FISHER, ALAN E.: Chemical stimulation of the brain. *Scientific American*, 210:60-68, 1964.
- FISHER, ALAN E., and COURRY, JOHN: Cholinergic tracing of a central neural circuit underlying thirst drive. *Science*, 138:691-693, 1962.
- FISHER, ALAN E., and COURRY, JOHN: Cholinergic training of neural pathways mediating the thirst drive. In: Wayner, M., ed. *Thirst: First International Symposium on Thirst in the Regulation of Body Water*. New York, Pergamon/Macmillan, 1964, p. 515-531.
- VAUGHAN, EVA, and FISHER, ALAN E.: Manual behavior induced by intracranial electrical stimulation. *Science*, 137:758-760, 1962.
- MH-1953 (R01) VESTERGAARD, PER B.: Metabolism in periodic catatonia. Rockland State Hospital, Orangeburg, N.Y. (1957- )
- VESTERGAARD, P.: A multicollector: A fraction collector for the simultaneous collection of fractions from a number of chromatographic columns. *Journal of Chromatography*, 3:554-559, 1962.
- VESTERGAARD, P.: Techniques for simultaneous multiple-column gradient elution chromatography. *Journal of Chromatography*, 3:560-569, 1962.
- VESTERGAARD, P.: Gradient elution chromatography of urinary 17-ketosteroids. *Acta Endocrinologica*, 39(Suppl. No. 64):3-34, 1962.
- VESTERGAARD, P.: Hydrolysis of urinary 17-ketosteroid conjugates with  $\beta$ -glucuronidase prepared from liver, bacteria and *patella vulgata*. *Endocrinologica*, 39(Suppl. No. 64):50-68, 1962.
- VESTERGAARD, P., and CLAUSSEN, B.: Hydrolysis of 17-ketosteroid conjugates with a procedure for simultaneous benzene extraction and acid hydrolysis. *Acta Endocrinologica*, 39(Suppl. No. 64):35-49, 1962.
- MH-1955 (R01) SOLOMAN, PHILIP, and MENDELSON, JACK: Metabolic and biochemical studies in alcohol addiction. Harvard Medical School, Boston, Mass. (1958-62)
- MENDELSON, J. H., and BARNES, B. A.: Magnesium exchange between blood and lumbar CSF in man. (Abstract) *Federation Proceedings*, 19(1):1960.
- MENDELSON, J. H., and BARNES, B. A.: The measurement of exchangeable magnesium in man. *Metabolism*, 12:184-193, 1963.
- MENDELSON, J. H., WEXLER, D., KUBZANSKY, L., and SOLOMON, P.: Serum magnesium in delirium tremens and alcoholic hallucinosis. *Journal of Nervous and Mental Disease*, 128:352-357, 1960.
- MH-1956 (R03) LIESHER, GERALD S.: Firmness of parental control and persuasibility. Hunter College of the City University of New York, New York, N.Y. (1957-58)

- LESSER, GERALD S., and ABELSON, R. P.: The measurement of persuasibility in children. In: Janis, I. L., and Hovland, C. I., eds. *Personality and attitude change*. New Haven, Conn., Yale University Press, 1959, p. 141-166.
- LESSER, GERALD S., and ABELSON, R. P.: A developmental theory of persuasibility. In: Janis, I. L., and Hovland, C. I., eds. *Personality and attitude change*. New Haven, Conn., Yale University Press, 1959, p. 167-186.
- LESSER, GERALD S., and ABELSON, R. P.: Personality correlates of persuasibility in children. In: Janis, I. L., and Hovland, C. I., eds. *Personality and attitude change*. New Haven, Conn., Yale University Press, 1959, p. 187-206.
- MH-1957 (R03) EMERSON, RICHARD, and TITCHENER, JAMES L.: Family types in different psychiatric illnesses. University of Cincinnati, Cincinnati, Ohio. (1957-58)
- TITCHENER, JAMES, and EMERSON, RICHARD: Some methods for study of family interaction in personality development. In: Pasamanick, Benjamin, and Knapp, Peter H.: *Psychiatric research reports 10, social aspects of psychiatry*. Washington, D.C., American Psychiatric Association, 1958, p. 72-100. (Also acknowledges MH-999)
- MH-1967 (R01) WIKE, EDWARD L.: Irregular training and permanence of learning. University of Kansas, Lawrence, Kan. (1957-59)
- WIKI, E. L., and BARRIENTOS, G.: Runway performance as a function of variable deprivation periods. *Psychological Reports*, 6:37-38, 1960.
- WIKI, E. L., KINTSCH, W., and GUTEKUNST, R.: The effects of variable drive, reward and response on instrumental performance. *Journal of Comparative and Physiological Psychology*, 52: 403-407, 1959.
- WIKI, E. L., KINTSCH, W., and GUTEKUNST, R.: Patterning effects of partially delayed reinforcement. *Journal of Comparative and Physiological Psychology*, 52:411-414, 1959.
- WIKI, E. L., KINTSCH, W., and REMPLE, R.: Selective learning and habit reversal as a function of partial reinforcement during training and reversal. *Psychological Reports*, 5:665-668, 1959.
- WIKI, E. L., KINTSCH, W., and SIMPSON, C. D.: Habit reversal as a function of irregular drive and reward. *Psychological Record*, 10:39-46, 1960.
- WIKI, E. L., and REMPLE, R.: Supplementary report: Runway performance as a function of reinforcement schedule and alley length. *Journal of Experimental Psychology*, 59:277-278, 1960.
- MH-1969 (R01) CARLSON, HELEN B.: Nonpsychotic confusional states in college students. Northwestern University, Chicago, Ill. (1957-59) (Continued as MH-3437)
- BENVENISTE, S., CARLSON, H. B., COTTON, J. W., and GLASER, N.: The acute confusional state in college students: Statistical analysis of twenty cases. *Journal of Psychology*, 48:271-277, 1959. (Also acknowledges MH-3437)
- CARLSON, HELEN B.: The relationship of the acute confusional state to ego development. *International Journal of Psychoanalysis*, 42:517-536, 1961. (Also acknowledges MH-3437)
- CARLSON, HELEN B.: The maturation of the college student. Ann Arbor, Mich., Edwards Brothers, 1962, 9 p. (Also acknowledges MH-3437)
- CARLSON, HELEN B.: Identity-confusion. Part I. Identification of the syndrome. Ann Arbor, Mich., Edwards Brothers, Inc., 1963. (Also acknowledges MH-3437)
- CARLSON, HELEN B.: Identity-confusion. Part II. Research design for identification of the syndrome: Analysis of preliminary results. Ann Arbor, Edwards Brothers, 1963, 28 p. (Also acknowledges MH-3437)
- MH-1971 (R01) GERARD, RALPH W., and MOORE, KENNETH B.: Attributes of schizophrenics and phenotropic drugs. Ypsilanti State Hospital, Ypsilanti, Mich. (1957-62)
- DOMINO, E.: Biochemical and physiological changes associated with schizophrenia. In: Cole, J. O., and GERARD, R. W., eds. *Psychopharmacology*. Washington, D.C., NAS-NRC, 1959, p. 555-575. (Also acknowledges MH-1972)
- FOX, S. S.: LSD alteration of optic potentials: cat lateral geniculate: Block by schizophrenic serum. (Abstract) *Federation Proceedings*, 19:262, 1960. (Also acknowledges MH-1972)
- FUJITA, SHIGEO, and GING, NELSON S.: Presence of toxic factors in urine from schizophrenic subjects. *Science*, 134(3491):1687-1688, 1961. (Also acknowledges MH-4598, MH-4366 and MH-1972)
- GERARD, R. W.: The nosology of schizophrenia. *American Journal of Psychiatry*, 120(1):16-29, 1963. (Also acknowledges MH-1972)
- GERSHON, S., HOLMBERG, G., MATSSON, EIRA, MATSSON, N., and MARSHALL, A.: Imipramine hydrochloride: Its effects on clinical, autonomic, and psychological functions. *Archives of General Psychiatry*, 6:96-101, 1962. (Also acknowledges MH-1972)
- GERSHON, S., and OLARIU, J.: JB 329—a new psychotomimetic: Its antagonism by tetrahydroamincrin and its comparison with LSD, mescaline, and sernyl. *Journal of Neuropsychiatry*, 1:283-292, 1960. (Also acknowledges MH-1972)

- GERSHON, S., and YUWILER, A.: Lithium ion: A specific psychopharmacological approach to the treatment of mania. *Journal of Neuropsychiatry*, 1:229-241, 1960. (Also acknowledges MH-1972)
- HOLMBERG, G., and BECK, L. H.: A systematic study of autonomic drug actions in mental patients: Methodology and preliminary results. *Journal of Psychosomatic Research*, 5:194-205, 1961. (Also acknowledges MH-1972)
- INGRAM, CHARLES G.: Some findings in the autonomic nervous system in schizophrenia. *Annals of the New York Academy of Sciences*, 96:386-389, 1962. (Also acknowledges MH-1972)
- INGRAM, CHARLES G.: Some pharmacologic actions of yohimbine and chlorpromazine in man. *Clinical Pharmacology and Therapeutics*, 3:345-352, 1962. (Also acknowledges MH-1972)
- INGRAM, C. G., and DOMINO, E. F.: Observations on the initial hypertensive response to yohimbine. *Archives Internationales de Pharmacodynamie et de Therapie*, 143:534-542, 1963. (Also acknowledges MH-1972 and MH-2653)
- ROSENZWEIG, N., VANDENBERG, S. G., MOORE, K. B., and DUKAY, A.: A study of the reliability of the mental status examination. *American Journal of Psychiatry*, 117:1102-1108, 1961. (Also acknowledges MH-1972)
- VANDENBERG, S. G., ROSENZWEIG, N., MOORE, K. R., and DUKAY, A. F.: Diagnostic agreements among psychiatrists and "blind" Rorschach or the education of an interdisciplinary research team. *Psychological Reports*, 15:211-224, 1964.
- MH-1972 (R01) GERARD, RALPH W., ROSENZWEIG, NORMAN, and VON BRAUCHITSCH, HANS: Attributes of schizophrenia and phrenotropic drugs. University of Michigan, Ann Arbor, Mich. (1957-64)
- DOMINO, E.: Biochemical and physiological changes associated with schizophrenia. In: Cole, J. O., and Gerard, R. W., eds. *Psychopharmacology*. Washington, D.C., NAS-NRC, 1959, p. 555-575. (Also acknowledges MH-1971)
- FOX, S. S.: LSD alteration of optic potentials; cat lateral geniculate: Block by schizophrenic serum. (Abstract) *Federation Proceedings*, 19:262, 1960. (Also acknowledges MH-1971)
- FOX, S. S.: Self-maintained sensory input and sensory deprivation in monkeys: A behavioral and neuropharmacological study. *Journal of Comparative and Physiological Psychology*, 55(4):438-444, 1962.
- FUJITA, SHIGEO, and GING, NELSON S.: Presence of toxic factors in urine from schizophrenic subjects. *Science*, 134(3491):1687-1688, 1961. (Also acknowledges MH-4598, MH-4360, MH-1971)
- FUJITA, S., and ROSENZWEIG, N.: Use of the epinephrine pressor response in rabbits as a nostic test for schizophrenia. *Psychopharmacologia*, 4:367-376, 1963.
- GELLER, E., EIDUSON, S., and YUWILER, A.: Oxidation of p-phenylenediamine and adrenaline by zymic and copper catalyzed reactions. *Journal of Neurochemistry*, 5:73-79, 1959.
- GERARD, R. W.: Problems in schizophrenia. Memorial Research Monograph Naka. Japan (Committee on the Celebration of the Birthday of Professor S. Naka), 1960, p. 8. Also in: Lakeside Lecture IX, Nov. 6, 1959, Arbor, Mich., University of Michigan Press Office, 1960. (Processed)
- GERARD, R. W.: The schizophrenia and psychopharmacology project. In: Gottlieb, Jacques S., and Tourney, Garfield, eds. *Scientific papers and discussions, divisional meeting*. Midwest district branches, American Psychiatric Association, Detroit, Michigan, Oct. 29-31, 1959. Washington, D.C., American Psychiatric Association, p. 258-278.
- GERARD, R. W.: The nosology of schizophrenia. *American Journal of Psychiatry*, 120(1):1-10, 1963. (Also acknowledges MH-1971)
- GERSHON, S.: Blocking effect of tetrahydroammonium on a new psychotomimetic agent. *Nature*, 207:1072-1073, 1960.
- GERSHON, S., HOLMBERG, G., MATTSOON, N., MATTSOON, N., and MARSHALL, A.: Imipramine hydrochloride: Its effects on clinical, autonomic and psychological functions. *Archives of General Psychiatry*, 6:96-101, 1962. (Also acknowledges MH-1971)
- GERSHON, S., and OLARIU, J.: JB 329—a new psychotomimetic: Its antagonism by tetrahydroammonium, mescaline and its comparison with LSD, mescaline and sernyl. *Journal of Neuropsychiatry*, 1:229-241, 1960. (Also acknowledges MH-1971)
- GERSHON, S., and YUWILER, A.: Lithium ion: A specific psychopharmacological approach to the treatment of mania. *Journal of Neuropsychiatry*, 1:229-241, 1960. (Also acknowledges MH-1971)
- HOLMBERG, G., and BECK, L. H.: A systematic study of autonomic drug actions in mental patients: Methodology and preliminary results. *Journal of Psychosomatic Research*, 5:194-205, 1961. (Also acknowledges MH-1971)
- HOLMBERG, G., and GERSHON, S.: Autonomic and psychic effects of yohimbine hydrochloride. *Psychopharmacologia*, 2:93-106, 1961.



- Yohimbine as an autonomic test drug. *Nature*, 193:1313-1314, 1962.
- HOLMBERG, G. K., GRIEG, M. E., and GIBBONS, A. J.: The effect of sera of psychotic patients and control subjects on the uptake of C-14 in the brains of mice after the injection of C-14 glucose. *Journal of Neuropsychiatry*, 2:15-19, 1960.
- INGRAM, CHARLES G.: Some findings in the autonomic nervous system in schizophrenia. *Annals of the New York Academy of Sciences*, 96:386-389, 1962. (Also acknowledges MH-1971)
- INGRAM, CHARLES G.: Some pharmacologic actions of yohimbine and chlorpromazine in man. *Clinical Pharmacology and Therapeutics*, 3:345-352, 1962. (Also acknowledges MH-1971)
- INGRAM, C. G., and DOMINO, E. F.: Observations on the initial hypertensive response to yohimbine. *Archives Internationales de Pharmacodynamie et de Therapie*, 143:534-542, 1963. (Also acknowledges MH-1971 and MH-2653)
- MOORE, K. B., and SPIVAK, M.: A research aspect of milieu therapy in a state mental hospital. *Journal of Michigan State Medical Society*, 59:288-291, 1960.
- RADHAKRISHNAN, B. K., and MATTSSON, N. B.: The joint research project statistical programs for high speed IBM digital computers. Ann Arbor, Mich., Office of Research Administration, University of Michigan, September 1961.
- RADHAKRISHNAN, B. K., and MATTSSON, N. B.: Mean, standard deviation, and standard score programs for the IBM 704 (709) computer. (Abstract) *Technometrics*, 4:148, 1962.
- RENELL, VIRGINIA M.: Running a research ward. *American Journal of Nursing*, 61:80-83, 1961.
- ROSENZWEIG, N.: The affect system: Foresight and fantasy. *Journal of Nervous and Mental Disease*, 127:113-118, 1958.
- ROSENZWEIG, NORMAN: Sensory deprivation and schizophrenia: Some clinical and theoretical similarities. *American Journal of Psychiatry*, 116(4):326-329, 1959.
- ROSENZWEIG, N., VANDENBERG, S. G., MOORE, K. B., and DUKAY, A.: A study of the reliability of the mental status examination. *American Journal of Psychiatry*, 117:1102-1108, 1961. (Also acknowledges MH-1971)
- SIBILIO, J. P., ANDREW, O., DART, D., MOORE, K. B., and STEHMAN, V.: Effects of promazine hydrochloride on attention in chronic schizophrenia. *Archives of Neurology and Psychiatry*, 81:114-120, 1959.
- VANDENBERG, S. G.: The primary mental abilities of Chinese students, a comparative study of the York Academy of Sciences, 79(Article 9):257-304, 1959. (Also acknowledges MH-1045)
- VANDENBERG, STEVEN G.: Differences between neurotics, psychotics, and normals on perceptual tests: A reanalysis of Eysenck's results. *Journal of Clinical Psychology*, 15(4):373-376, 1959.
- VANDENBERG, S. G.: Medical diagnosis by computer: Recent attempts and outlook for the future. *Behavioral Sciences*, 5:170-175, 1960.
- VANDENBERG, STEVEN G.: Behavioral methods for assessing neuroses and psychoses. In: Uhr, L., and Miller, J. G., eds. *Drugs and behavior*. New York, John Wiley & Sons, 1960, p. 463-500.
- VANDENBERG, S. G., and MATTSSON, EIRA: The interpretation of facial expressions by schizophrenics, other mental patients, normal adults, and children. *Acta Psychologica*, 19:1-2, 1961.
- YUWILER, ARTHUR: Urinary aminochromes and mental illness. *Journal of Nervous and Mental Disease*, 135(4):365-369, 1962. (Also acknowledges MH-4567)
- YUWILER, ARTHUR: Psychopathology and 5-hydroxy-indoleacetic acid excretion. *Journal of Psychiatric Research*, 3(2):125-131, 1965. (Also acknowledges MH-4567 and MH-7293)
- YUWILER, A., GELLER, E., and EIDUSON, S.: Studies on 5-hydroxytryptophan decarboxylase. II. Additional inhibition studies and suggestions on the nature of the enzymic site. *Archives of Biochemistry and Biophysics*, 89:143-147, 1960.
- YUWILER, A., and GERARD, R. W.: Urinary chromogens and the Reigelhaupt test for schizophrenia. *Federation Proceedings*, 20(Part I):392, 1961.
- YUWILER, ARTHUR, and GOOD, MARY H.: Chromatographic study of "Reigelhaupt" chromogens in urine. *Journal of Psychiatric Research*, 1:215-227, 1962. (Also acknowledges MH-4567)
- YUWILER, A., JENKINS, IDELLA, and DUKAY, A.: Serum oxidase tests and schizophrenia. *Archives of General Psychiatry*, 4:395-403, 1961.
- MH-1976 (R01) BIERI, JAMES: Cognitive factors in behavior. Columbia University, New York, N.Y. (1957-61) (Continued from MH-1274)
- BIERI, J.: Parental identification, acceptance of authority, and within-sex differences in cognitive behavior. *Journal of Abnormal and Social Psychology*, 60:76-79, 1960.
- BIERI, J.: Complexity-simplicity as a personality variable in cognitive and preferential behavior. In: Fiske, D. W., and Maddi, S. R., eds. *Functions of varied experience*. Homewood, Ill., Dorsey, 1961, p. 355-379.

- BIERI, J., and LOBECK, R.: Acceptance of authority and parental identification. *Journal of Personality*, 27:74-86, 1959.
- BIERI, J., and LOBECK, R.: Self-concept differences as a function of identification, religion, and social class. *Journal of Abnormal and Social Psychology*, 62:94-98, 1961.
- BIERI, J., LOBECK, R., and GALINSKY, M. D.: A comparison of direct, indirect and fantasy measures of identification. *Journal of Abnormal and Social Psychology*, 58:253-258, 1959. Also in: Mednick, M. T., and Mednick, S. A., eds. *Readings in personality*. New York, Holt, Rinehart, & Winston, 1963, p. 444-453. (Also acknowledges MH-1274)
- BIERI, J., LOBECK, R., and PLOTNICK, H.: Psychosocial factors in differential social mobility. *Journal of Social Psychology*, 58:183-200, 1962.
- MH-1977 (R03) BRODERICK, CARLFRED B.: Social attitudes among children aged four to ten. University of Georgia, Athens, Ga. (1958-59)
- BRODERICK, C. B.: New data on dating. *PTA Magazine*, 56:4-6, December 1961.
- BRODERICK, C. B., and FOSTER, S. F.: New patterns of relationships between the sexes among preadolescents. *Marriage and Family Living*, 23:27-30, 1961.
- MH-1981 (R01) KLUVER, HEINRICH: Biological mechanisms in behavior. University of Chicago, Chicago, Ill. (1957- )
- KLUVER, H.: Psychological specificity: Does it exist? In: Schmitt, Francis O., ed. *Macromolecular specificity and biological memory*. Cambridge, Massachusetts Institute of Technology, 1962, p. 94-98.
- KLUVER, HEINRICH: Neurobiology of normal and abnormal perception. Part 1: Neurophysiology of perception. In: Psychopathology of perception. New York, Grune & Stratton, 1965, p. 1-40.
- MH-1983 (R01) ENGELHARDT, DAVID M., and FREEDMAN, NORBERT: Study of ataractics in schizophrenic outpatients. State University of New York—Downstate Medical Center, Brooklyn, N.Y. (1957- )
- ENGELHARDT, D. M., and FREEDMAN, N.: An approach to the evaluation of long-term psychopharmacological therapy of schizophrenic outpatients. In: Greenblatt, Milton, Levinson, Daniel J., and Klerman, Gerald L., eds. *Mental patients in transition: Steps in hospital-community rehabilitation*. Springfield, Ill., C. C. Thomas, 1961, p. 322-335.
- ENGELHARDT, D. M., FREEDMAN, N., GLICK, B. S., HANKOFF, L. D., MANN, D., and MARGOLIS, R.: Prevention of psychiatric hospitalization with psychopharmacological agents. *Journal of American Medical Association*, 173:147-160, 1960.
- ENGELHARDT, D. M., FREEDMAN, N., HANKOFF, L. D., GLICK, B., KAYE, H. E., and BUCHWALD, J.: The treatment of schizophrenic outpatients with promazine and reserpine. *Psychiatric Quarterly*, 33:102-114, 1959.
- ENGELHARDT, D. M., FREEDMAN, N., HANKOFF, L. D., MANN, D., and MARGOLIS, R.: Changes in social behavior in chronic schizophrenic outpatients under phenothiazine treatment. *Comprehensive Psychiatry*, 1(5):313-316, 1960.
- ENGELHARDT, D. M., FREEDMAN, N., HANKOFF, L. D., MANN, D., and MARGOLIS, R.: The influence of previous hospitalization on the clinical course of psychopharmacologically treated schizophrenic outpatients. *Comprehensive Psychiatry*, 4(5):337-342, 1963.
- ENGELHARDT, D. M., FREEDMAN, N., HANKOFF, L. D., MANN, D., and MARGOLIS, R.: Long term drug induced symptom modification in schizophrenic outpatients. *Journal of Nervous and Mental Disease*, 137(3):231-241, 1963.
- ENGELHARDT, D., FREEDMAN, N., and MANN, D.: The influence of previous hospitalization on the clinical course of psychopharmacologically treated schizophrenic outpatients. *Comprehensive Psychiatry*, 4(5):337-342, 1963.
- ENGELHARDT, DAVID M., FREEDMAN, NORBERT, ROSEN, BERNARD, MANN, DAVID, and MARGOLIS, R.: Phenothiazines in prevention of psychiatric hospitalization. III. Delay or prevention of hospitalization. *Archives of General Psychiatry*, 11:162-169, 1964.
- ENGELHARDT, D. M., ROSEN, B., FREEDMAN, N., MANN, D., and MARGOLIS, R.: Phenothiazines in prevention of psychiatric hospitalization. II. Evaluation of treatment exposures. *Journal of American Medical Association*, 186:981-985, 1963.
- FREEDMAN, N., ENGELHARDT, D. M., GLICK, B., KAYE, H., BUCHWALD, J., and STARTK, P.: Discharge from outpatient psychiatric treatment. *American Archives of Neurology and Psychiatry*, 80:666, 1958.
- FREEDMAN, N., ENGELHARDT, D. M., HANKOFF, L. D., SCHWARTZ, S., and ZOBEL, H.: Pattern of verbal group participation in the drug treatment of schizophrenic patients. *International Journal of Group Psychiatry*, 11(1):60-73, 1959.
- FREEDMAN, N., WARSHAW, L., ENGELHARDT, D. M., BLUMENTHAL, I. J., and HANKOFF, L. D.: The effect of various therapies upon fecal incontinence in chronic schizophrenic patients. *Journal of Nervous and Mental Disease*, 128(6):562-568, 1959.

- GLICK, BURTON, S.: Effect of altered clinic conditions on reported change in anxiety. *Journal of Neuropsychiatry*, 5(5):291-296, 1964.
- GLICK, B. S., and MARGOLIS, R.: A study of the influence of experimental design on clinical outcome in drug research. *American Journal of Psychiatry*, 118(12):1087-1096, 1962.
- HANKOFF, L. D., ENGELHARDT, D. M., and FREEDMAN, N.: Placebo response in schizophrenic outpatients. *Archives of General Psychiatry*, 2:33-42, 1960.
- HANKOFF, L. D., ENGELHARDT, D. M., FREEDMAN, N., MANN, D., and MARGOLIS, R.: Denial of illness in schizophrenic outpatients: Effect of psychopharmacological treatment. *A. M. A. Archives of General Psychiatry*, 3:657-664, 1960.
- HANKOFF, L. D., ENGELHARDT, D. M., FREEDMAN, N., MANN, D., and MARGOLIS, R.: The doctor-patient relationship in a psychopharmacological treatment setting. *Journal of Nervous and Mental Diseases*, 131(6):540-546, 1960.
- HANKOFF, LEON D., ENGELHARDT, DAVID M., FREEDMAN, NORBERT, MANN, DAVID, and MARGOLIS, REUBEN: Denial of illness in relation to differential drug response. *Journal of Nervous and Mental Disease*, 137(1):29-41, 1963.
- HANKOFF, L., FREEDMAN, N., and ENGELHARDT, D. M.: The prognostic value of placebo response. *American Journal of Psychiatry*, 115(6):549-550, 1958.
- HANKOFF, L. D., and HELLER, B.: Memory changes with MAO inhibitor therapy. *American Journal of Psychiatry*, 117(2):151-152, 1960.
- HANKOFF, LEON D., MENDELSON, FREDERICK S., and PALEY, HERBERT M.: Fluphenazine treatment in a receiving hospital setting. *Diseases of the Nervous System*, 21(8):467-472, 1960.
- HANKOFF, L. D., and RUDORFER, L.: A psychopharmacological clinic. An approach to a community need. *Medical Times*, 92(12):1248-1252, 1964. (Also acknowledges MH-5090)
- MH-1985 (R03) SCHNEIRLA, THEODORE C., and TOBACH, ETHEL: Eccentric behavior and exteroceptive threshold. American Museum of Natural History, New York, N.Y. (1957-57)
- TOBACH, E., SCHNEIRLA, T. C., SANG, B., GOLD, P., STEEL, K., and WORTIS, R.: Hopping behavior in mice of pre-weaning age. *Anatomical Record*, 131(3):604, 1958.
- MH-1988 (R03) BONNYCASTLE, DESMOND D.: Central depressants and brain 5-hydroxytryptamine. Seton Hall College of Medicine and Dentistry, Jersey City, N.J. (1957-58)
- BONNYCASTLE, D. D., BONNYCASTLE, M. F., and
- trial depressant drugs upon brain 5-hydroxytryptamine levels in the rat. *Journal of Pharmacology and Experimental Therapeutics*, 135:17-20, 1962.
- MH-1992 (R03) SCHACHTER, STANLEY: Deprivation and affiliative needs. University of Minnesota, Minneapolis, Minn. (1957-58)
- SCHACHTER, S.: Hunger and affiliation. In: Schachter, S., ed. *The psychology of affiliation*. Stanford, Calif., Stanford University, 1959, p. 90-102.
- MH-2003 (R03) OTIS, LEON S.: Latency and duration of effect of testosterone. Johns Hopkins University, Baltimore, Md. (1957-58)
- OTIS, LEON S., and BOENNING, R. A.: An improved circuit for the drinkometer. *American Journal of Psychology*, 73:633-635, 1960.
- MH-2004 (R01) DELGADO, JOSE M. R.: Chronic stimulation of the brain in monkeys. Yale University, New Haven, Conn. (1958- )
- DELGADO, JOSE M. R.: A transistor timed stimulator. *Electroencephalography and Clinical Neurophysiology*, 11:591-593, 1959.
- DELGADO, JOSE M. R. Elektroenzephalographie der tieferen Zellmassen des Gehirns. (Electroencephalography of the deeper cell masses of the brain) In: Schaltenbrand, Georges, and Bailey, Percival, eds. *Einführung in die stereotaktischen Operationen mit einem Atlas des menschlichen Gehirns, (Introduction to Stereotaxis with an atlas of the human brain)*. Vol. 1. Stuttgart, Georg Thieme, 1959, p. 401-419.
- DELGADO, JOSE M. R.: Prolonged stimulation of brain in awake monkeys. *Journal of Neurophysiology*, 22:458-475, 1959.
- DELGADO, JOSE M. R.: Electronic command of movement and behavior. *Transactions of the New York Academy of Sciences, Series II*, 21:689-699, 1959.
- DELGADO, JOSE M. R.: Bases neurofisiológicas de la afectividad. Barcelona, Congreso Nacional de Neuropsiquiatria, 1960, 22 p.
- DELGADO, JOSÉ M. R.: Brain and social behavior in the monkey. Motion picture. *Federation Proceedings*, 19:286, 1960.
- DELGADO, JOSE M. R.: Circulatory effects of cortical stimulation. *Physiological Review*, 40:146-171, 1960.
- DELGADO, JOSE M. R.: Cerebral and behavioral effects on the monkey of CAPP (1-M-aminophenyl-5-carbomethoxy-2-pyridone). *Archives Internationales de Pharmacodynamie et de Therapie*, 133:163-172, 1961.
- DELGADO, JOSE M. R.: Chronic implantation of in-

- ed. *Electrical stimulation of the brain*. Austin, University of Texas Press, 1961, p. 25-36.
- DELGADO, JOSÉ M. R.: Breves recuerdos de D. Severo Ochoa entre Madrid y Nueva York. In: Santamaria, J. M. G. Valdecasas, ed. *El Dr. Severo Ochoa: Premio nobel de medicina. Visto por algunos de sus mas intimos colaboradores y amigos*. Mexico City, private edition, 1962, p. 95-99.
- DELGADO, JOSE M. R.: The effect of brain stimulation on task-free situations. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 14 (3):421, 1962.
- DELGADO, JOSE M. R.: Pharmacological modifications of social behavior. In: Proceedings of the First International Pharmacological Congress, Stockholm. Oxford, Pergamon Press, 1962, p. 265-292.
- DELGADO, JOSE M. R.: Brain centers and control of behavior—animals. In: Nodine, J. H., and Moyer, J. H., eds. *Psychosomatic medicine*. Philadelphia, Lea & Febiger, 1962, p. 221-227.
- DELGADO, JOSE M. R.: Telemetry and telestimulation of the brain. In: Slater, L., ed. *Biotelemetry*. New York, Pergamon Press, 1963, p. 231-249.
- DELGADO, JOSE M. R.: Comments on neuropharmacological studies of EEG and behavior. In: Glaser, Gilbert H., ed. *EEG and behavior*. New York, Basic Books, 1963, p. 284-290.
- DELGADO, JOSE M. R.: The effect of brain stimulation on task-free situations. *Electroencephalography and Clinical Neurophysiology*, 24(Suppl.): 260-280, 1963.
- DELGADO, JOSE M. R.: Intracerebral chemo-stimulation in unanesthetized monkeys. (Abstract) *Federation Proceedings*, 22(2):515, 1963.
- DELGADO, JOSE M. R.: Cerebral heterostimulation in a monkey colony. *Science*, 141:161-163, 1963.
- DELGADO, JOSE M. R.: Cerebral effects of decaborane on the monkey. *Archives Internationales de Pharmacodynamie et de Therapie*, 148:459-470, 1964.
- DELGADO, JOSE M. R.: Electrodes for extracellular recording and stimulation. In: Nastuk, W. L., and Oster, Gerald, eds. *Electrophysiological methods*. Vol. 5. Physical techniques in biological research. New York, Academic Press, 1964, p. 88-143.
- DELGADO, JOSE M. R.: Conductas radiodirigidas. *Gaceta Insultada*, 380:5-10, 1964.
- DELGADO, JOSE M. R.: Materia, mente y cerebro. *Indice*, 182:3-6, 1964.
- DELGADO, JOSE M. R.: Free behavior and brain stimulation. In: International review of neurobiology. Vol. 6. New York, Academic Press, 1964, p. 349-449.
- DELGADO, JOSE M. R.: Factores extracerebrales de la mente. *Revista de Occidente*, 14:131-146, 1964.
- DELGADO, JOSE M. R.: Sequential behavior induced repeatedly by stimulation of the red nucleus in free monkeys. *Science*, 148(3675):1361-1363, 1965.
- DELGADO, J. M. R.: Intracerebral perfusion in awake monkeys. *Archives Internationales de Pharmacodynamie et de Therapie*, 161(2):442-462, 1966.
- DELGADO, JOSE M. R., BACK, KENNETH C., and TAMAS, ANTON A.: Effect of botanes on the monkey brain. *Archives Internationales de Pharmacodynamie et de Therapie*, 141:262-271, 1963.
- DELGADO, JOSE M. R., and HAMLIN, HANNIBAL: Depth electrography. (First International Symposium on Stereoecephalography, Philadelphia, 1961). *Confinia Neurologica*, 22:228-235, 1962.
- DELGADO, JOSE M. R., HOFMANN, HELMUT, and SYMMES, DAVID: Effect of amphenidone on the brain of the conscious monkey. *Archives Internationales de Pharmacodynamie et de Therapie*, 125:161-171, 1960.
- DELGADO, JOSÉ M. R., MIHAILOVIC, LJUBODRAG, and SEVILLANO, MANUEL: Cardiovascular phenomena during seizure activity. *Journal of Nervous and Mental Disease*, 130:477-487, 1960.
- DELGADO, JOSE M. R., and RODRIGUEZ PEREZ, A. P.: Brain histology after repeated cerebral stimulation. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 11:616, 1959.
- DELGADO, JOSE M. R., and RUBINSTEIN, L.: Intracerebral release of neurohumors in unanesthetized monkeys. *Archives Internationales de Pharmacodynamie et de Therapie*, 150(3-4):530-546, 1964.
- DELGADO, JOSE M. R., and SEVILLANO, MANUEL: Evolution of repeated hippocampal seizures in the cat. *Electroencephalography and Clinical Neurophysiology*, 13(5):722-733, 1961.
- DELGADO, JOSE M. R., SIMHADRI, PILLARISSETTI, and APELBAUM, JOSE: Chronic implantation of chemitrodes in the monkey brain. (Abstract) *Proceedings of the International Union of Physiological Science*, 2:1090, 1962.
- DELGADO, RODRIGUEZ R., and DELGADO, J. M. R.: An objective approach to measurement of behavior. *Philosophy of Science*, 29:253-268, 1962.
- FONBERG, ELZBIETA, and DELGADO, JOSE M. R.: Hamowanie odruchów warunkowych pokarmowych I obronnych II typu wywołane drażnieniem układu limbicznego. *Acta Physiologica Polonica*, 11(5/6):696-698, 1960.

- FONBERG, ELZBIETA, and DELGADO, JOSE M. R.: Inhibitory effects of amygdala on food intake and conditioning. *Federation Proceedings*, 20:2585, 1961.
- FONBERG, ELZBIETA, and DELGADO, JOSE M. R.: Avoidance and alimentary reactions during amygdala stimulation. *Journal of Neurophysiology*, 24: 651-664, 1961.
- RUBINSTEIN, EDUARDO H., and DELGADO, JOSÉ M. R.: Functions of the caudate nucleus in the monkey. (Abstract) *Proceedings of the International Union of Physiological Science*, 2:366, 1962.
- RUBINSTEIN, EDUARDO H., and DELGADO, JOSÉ M. R.: Inhibition induced by forebrain stimulation in the monkey. *American Journal of Physiology*, 205:941-948, 1963.
- SAWA, MASAICHI, and DELGADO, JOSÉ M. R.: Amygdala unitary activity in the unrestrained cat. *Electroencephalography and Clinical Neurophysiology*, 15:637-650, 1963.
- SEVILLANO, MANUEL, and DELGADO, JOSÉ M. R.: Circulatory and conditional responses during seizure activity of the cat. *Electroencephalography and Clinical Neurophysiology*, 12:267-268, 1960.
- SYMMS, DAVID, and DELGADO, JOSE M. R.: Behavioral correlates of limbic afterdischarge in monkey. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 12:268, 1960.
- MH-2006 (R01) COPPOCK, HAROLD W.: Retraining after habituates and chemotherapy. Arizona State University, Tempe, Ariz. (1957-58) (Continued from MH-1306).
- COPPOCK, H. W., and FREUND, J. E.: All-or-none vs. incremental learning of errorless shock escapes by the rat. *Science*, 135:1-2, 1962. (Also acknowledges MH-2926).
- MH-2007 (R03) LONG, EUGENE R., JR.: Operant conditioning techniques for children. University of North Carolina, Chapel Hill, N.C. (1957-58)
- LONG, EUGENE R.: The use of operant techniques in children. In: Fisher, S., ed. *Child research in psychopharmacology*. Springfield, Ill., Thomas, 1959.
- LONG, E. R., HAMMACK, J. T., MAY, F., and CAMPBELL, B. J.: Intermittent reinforcement of operant behavior in children. *Journal of the Experimental Analysis of Behavior*, 4:315-339, 1958.
- MH-2011 (R01) GRAHAM, DAVID T., and GRAHAM, FRANCES K.: Relation of attitudes to physiological change. University of Wisconsin, Madison, Wisc. (1957-66) (Continued from MH-996).
- CHOSY, JULIUS J., and GRAHAM, DAVID T.: Catecholamines in vasovagal fainting. *Journal of Psychosomatic Research*, 9(2):189-194, 1965.
- GRAHAM, D. T.: Some research on psychophysiological specificity and its relation to a psychosomatic disease. In: Roessler, R., and Greenfield, N., eds. *Physiological correlates of psychological disorders*. Vol. 12. Madison, Wis., University of Wisconsin Press, 1962, p. 221-238. (Also acknowledges MH-996).
- GRAHAM, D. T., KABLER, J. D., and GRAHAM, F. K.: Physiological response to the suggestion of attitudes specific for hives and hypertension. *Psychosomatic Medicine*, 24:159-169, 1962. (Also acknowledges MH-996).
- GRAHAM, D. T., LUNDY, R. M., BENJAMIN, L. S., KABLER, J. D., LEWIS, W. C., KUNISH, N. O., and GRAHAM, F. K.: Specific attitudes in initial interviews with patients having different "psychosomatic diseases." *Psychosomatic Medicine*, 24: 257-266, 1962. (Also acknowledges MH-996).
- GRAHAM, D. T., STERN, J. A., and WINOKUR, G.: Experimental investigations of the specificity of attitude hypothesis in psychosomatic disease. *Psychosomatic Medicine*, 20:446-457, 1958.
- GRAHAM, D. T., STERN, J. A., and WINOKUR, G.: The concept of a different specific set of physiological changes in each emotion. *Psychiatric Research Report*, 12:8-15, 1960. (Also acknowledges MH-996).
- GRAHAM, D. T., and STEVENSON, I.: Diseases as responses to life stress: (a) The nature of the evidence. In: Lief, Harold I., Lief, Victor F., and Lief, Nina R., eds. *The psychological basis of medical practice*. New York, Hoeber, 1963, p. 115-136. (Also acknowledges MH-996).
- GRAHAM, FRANCES K., and KUNISH, NANCY O.: Physiological responses of un hypnotized subjects to attitude suggestions. *Psychosomatic Medicine*, 27(4):317-329, 1965.
- KEEN, R. E., CHASE, H. H., GRAHAM, F. K.: Twenty-four hour retention by neonates of an habituated heart rate response. *Psychonomic Science*, 2(9):265-266, 1965.
- LEWIS, WILLIAM C.: Some observations relevant to early defences and precursors. *International Journal of Psychoanalysis*, 44 Part II:132-142, 1963. (Also acknowledges MH-996).
- STERN, J. A., WINOKUR, G., GRAHAM, D. T., and GRAHAM, F. K.: Alterations in physiological measures during experimentally induced attitudes. *Journal of Psychosomatic Research*, 5:73, 1961. (Also acknowledges MH-996).
- STEVENSON, I., and GRAHAM, D. T.: Disease as responses to life stress: (b) Obtaining the evidence clinically. In: Lief, Harold I., Lief, Victor F., and Lief, Nina R., eds. *The psychological*

- 1963, p. 137-154. (Also acknowledges MH-996).
- MH-2013 (R01) SCHNEIDER, DAVID M., and BOYER, L. BRYCE: Explorations of anthropopsychanalytic field methods. University of California, Berkeley, Calif. (1958-58) (Continued as 3088).
- BOYER, L. BRYCE: Notes on the personality structure of a North American Indian shaman. *Journal of the Hillside Hospital*, 10:14-33, 1961. (Also acknowledges MH-3088).
- BOYER, L. BRYCE: Remarks on the personality of shamans: With special reference to the Apache of the Mescalero Indian Reservation. In: Muensterberger, Warner and Axelrod, Sidney, eds. *The psychoanalytic study of society*. Vol. 2. New York, International Universities Press, 1962, p. 233-254. (Also acknowledges MH-3088).
- BOYER, L. BRYCE: Folk psychiatry of the Apaches of the Mescalero Indian Reservation. In: Kiev, A., ed. *Faith, magic and healing: Studies in primitive psychiatry today*. Glencoe, Ill., Free Press, 1964, p. 384-419. (Also acknowledges MH-3088).
- BOYER, L. BRYCE: Psychoanalytic insights in working with ethnic minorities. *Social Casework*, 45 (90):519-526, 1964. (Also acknowledges MH-3088).
- BOYER, L. BRYCE: Stone as a symbol in Apache mythology. *American Imago*, 22:14-39, 1965. (Also acknowledges MH-3088).
- BOYER, L. BRYCE, BOYCE, RUTH M., BRAWER, FLORENCE R., KAWAI, HAYAO, and KLOPPER, BRUNO: Apache age groups. *Journal of Projective Techniques and Personality Assessment*, 28 (4):397-402, 1964. (Also acknowledges MH-3088).
- BOYER, L. BRYCE, KLOPPER, BRUNO, BOYER, RUTH M., BRAWER, FLORENCE B., and KAWAI, HAYAO: Effects of acculturation on the personality traits of the old people of the Mescalero and Chiricahua Apaches. *International Journal of Social Psychiatry*, 11(4):264-271, 1965. (Also acknowledges MH-3088).
- BOYER, L. BRYCE, KLOPPER, BRUNO, BRAWER, FLORENCE B., and KAWAI, HAYAO: Comparisons of the shamans and pseudoshamans of the Apaches of the Mescalero Indian Reservation: A Rorschach study. *Journal of Projective Techniques*, 28:173-180, 1964. (Also acknowledges MH-3088).
- BOYER, RUTH M.: The matrifocal family among the Mescalero: Additional data. *American Anthropologist*, 66:593-602, 1964. (Also acknowledges MH-3088).
- the personality structure of a North American Indian shaman: Rorschach report. *Journal of Projective Techniques*, 25:169-178, 1961. (Also acknowledges MH-3088).
- MACLACHLAN, BRUCE B.: The contemporary Mescalero Apache legal system. *Anthropology Tomorrow*, 7:43-45, 1961. (Also acknowledges MH-3088).
- MH-2014 (R01) GRAHAM, DAVID T.: Vasovagal fainting as biphasic response. University of Wisconsin, Madison, Wisc. (1957-59) (Continued from MH-1446).
- GRAHAM, D. T.: Prediction of fainting in blood donors. *Circulation*, 23(6):901-906, 1961.
- GRAHAM, D. T., KABLER, J. D., and LUNSFORD, L., JR.: Vasovagal fainting: A diphasic response. *Psychosomatic Medicine*, 23(6):493-507, 1961.
- MH-2015 (R03) STARKWEATHER, JOHN A.: Some measures of formal characteristics of speech. Langley Porter Neuropsychiatric Institute, San Francisco, Calif. (1957-58)
- HARGREAVES, WILLIAM A.: A model for speech unit duration. *Language and Speech*, 3:164-173, 1960.
- HARGREAVES, W. A., and STARKWEATHER, J. A.: Collection of temporal data with the duration tabulator. *Journal of the Experimental Analysis of Behavior*, 2:179-183, 1959.
- STARKWEATHER, J. A.: Vocal behaviour: The duration of speech units. *Language and Speech*, 2:146-153, 1959.
- STARKWEATHER, J. A.: A speech rate meter for vocal behavior analysis. *Journal of the Experimental Analysis of Behavior*, 3:111-114, 1960. (Also acknowledges MH-3375).
- MH-2017 (R03) NASH, MANNING: Study of acculturation in chiapas. University of Chicago, Chicago, Ill. (1958-59)
- NASH, M.: Applied anthropology and action research in the understanding of man. *Anthropological Quarterly*, 32(1):67-81, 1959.
- NASH, M.: On the continuing prevalence of witches. *University of Chicago Magazine*, December, 1959, p. 11-13.
- NASH, M.: Witchcraft as social process in a Tzeltal community. *America Indigena*, 20(2):121-126, 1960.
- NASH, MANNING: The social context of economic choice in a small society. *Man*, 61:186-191, 1961.
- NASH, M.: Capital, saving and credit in a Guatemalan and Mexican Indian peasant society. In: Firth, Raymond, ed. *Capital, saving and credit in*

peasant societies. Chicago, Aldine, 1964, p. 287-304.

ASH, M.: Social prerequisites to economic growth in Latin America and Southeast Asia. *Economic Development and Cultural Change*, 12(3):225-242, 1964.

H-2020 (R01) LAFFAL, JULIUS: Language distortions in schizophrenia. Yale University, New Haven, Conn. (1957-61)

LAFFAL, J.: The contextual associates of sun and God in Schreber's autobiography. *Journal of Abnormal and Social Psychology*, 61:474-479, 1960.

LAFFAL, J.: Changes in the language of a schizophrenic patient during psychotherapy. *Journal of Abnormal and Social Psychology*, 63:422-427, 1961.

LAFFAL, J.: The use of contextual associates in the analysis of free speech. *Journal of General Psychology*, 69:51-64, 1963.

LAFFAL, J., and AMEEN, L.: Hypotheses of opposite speech. *Journal of Abnormal and Social Psychology*, 58:267-269, 1959.

LAFFAL, J., and FELDMAN, S.: The structure of single word and continuous word association. *Journal of Verbal Learning and Verbal Behavior*, 1:54-61, 1962.

LAFFAL, J., and WATSON, D.: Sources of verbalizations of psychotherapists about patients. *Journal of General Psychology*, 68:89-98, 1963.

H-2021 (R03) PITTINGER, ROBERT E., and HOCKETT, CHARLES F.: Linguistic-kinetic analysis of schizophrenia. State University of New York Upstate Medical Center, Syracuse, N.Y. (1957-59)

PITTINGER, ROBERT E.: The first five minutes—its significance in mental health. *Journal of Communication*, 13(3):140-145, 1963. (Also acknowledges MH-2833).

PITTINGER, ROBERT E., HOCKETT, CHARLES F., and DANEHY, JOHN J.: The first five minutes. Ithaca, N.Y., Paul Martineau, 1960, 264 p. (Also acknowledges MH-2833).

H-2027 (R01) KANFER, FREDERICK H.: Studies on verbal behavior. Purdue University, Lafayette, Ind. (1957-62) (Continued from MH-963; as MH-6921).

KANFER, F. H.: Verbal rate, eyeblink and content in structured psychiatric interviews. *Journal of Abnormal and Social Psychology*, 61:341-347, 1960.

KANFER, F. H.: Word-association and the drive hypothesis of anxiety. *Journal of Clinical Psychology*, 16(2):200-204, 1960.

KANFER, F. H.: Incentive value of generalized reinforcers. *Psychological Reports*, 7:531-538, 1960.

KANFER, F. H., BRADLEY, M. M., and MARSTON, A. R.: Self-reinforcement as a function of degree of learning. *Psychological Reports*, 10:885-886, 1962.

KANFER, F. H., and KARAS, SHIRLEY: Prior experimenter-subject interaction and verbal conditioning. *Psychological Reports*, 5:345-353, 1959.

KANFER, F. H., and MCBREARTY, J. F.: Verbal conditioning: Discrimination and awareness. *Journal of Psychology*, 52:115-124, 1961.

KANFER, F. H., and MARSTON, A. R.: The relationship between personality variables and verbal response characteristics. *Journal of Clinical Psychology*, 18:426-428, 1962.

KANFER, F. H., and MATARAZZO, J. D.: Secondary and generalized reinforcement in human learning. *Journal of Experimental Psychology*, 58(5):400-404, 1959. (Also acknowledges MH-1938).

MARSTON, ALBERT R., and KANFER, FREDERICK H.: Human reinforcement: Experimenter and subject controlled. *Journal of Experimental Psychology*, 66(1):91-94, 1963.

MH-2028 (R01) SPRAGUE, JAMES M., CHAMBERS, WILLIAM W., LIU, CHAN-NAO, and STELLAR, ELIOT: Lemniscal and reticular afferent systems. University of Pennsylvania, Philadelphia, Pa. (1957-62)

EAGER, ROBERT P.: Cortical association pathways in the cerebellum of the cat. (Abstract) *Anatomical Record*, 142(2):228-229, 1962.

MEIKLE, T. H., JR., and SPRAGUE, JAMES M.: The neural organization of the visual pathways in the cat. In: International review of neurobiology. Vol. 6. New York, Academic Press, 1964, p. 149-189.

PRATT, JOHN L., and SPRAGUE, JAMES M.: EEG and behavior with midbrain lesions. *Federation Proceedings*, 22(2):1963.

SPRAGUE, JAMES M.: Corticofugal projections to the superior colliculus in the cat. (Abstract) *Anatomical Record*, 145(2):288, 1963.

SPRAGUE, JAMES M., CHAMBERS, WILLIAM W., and STELLAR, ELIOT: Attentive, affective, and adaptive behavior in the cat. *Science*, 113(3447):165-173, 1961.

SPRAGUE, JAMES M., LEVITT, MELVIN, ROBSON, KENNETH, LIU, C. N., STELLAR, ELIOT, and CHAMBERS, WILLIAM W.: A neuroanatomical and behavioral analysis of the syndromes resulting from midbrain lemniscal and reticular lesions in the cat. *Archives Italiennes de Biologie*, 101:225-295, 1963.

- SPRAGUE, JAMES M., and MEIKLE, THOMAS H.: Aspiration of superior colliculus in cats. (Abstract) *Federation Proceedings*, 21(2):343, 1962.
- SPRAGUE, J. M., and MEIKLE, T. H.: The role of the superior colliculus in visually guided behavior. *Experimental Neurology*, 11:115-146, 1965.
- SPRAGUE, JAMES M., STELLAR, ELIOT, and CHAMBERS, W. W.: Neurological basis of behavior in the cat. *Science*, 132(3488):1498, 1960.
- STELLAR, ELIOT, CHAMBERS, WILLIAM W., LIU, C. N., LEVITT, MELVIN, and SPRAGUE, JAMES M.: Behavior of cats with chronic reticular and lemniscal lesions. (Abstract) *Federation Proceedings*, 17(1):156, 1958.
- MH-2029 (R01) UHLE, FREDERICK C., KRAYER, OTTO, and WILDER, CHARLES: Studies with 4-substituted indoles. Harvard Medical School, Boston, Mass. (1957-65)
- HARRIS, L. S., and UHLE, F. C.: 4-substituted indoles as antagonists to 5-hydroxytryptamine and to the veratrine response. *Journal of Pharmacology and Experimental Therapeutics*, 128:358-362, 1960.
- HARRIS, L. S., and UHLE, F. C.: Enhancement of amphetamine stimulation and prolongation of barbiturate depression by a substituted pyril (3,4-b) indole derivative. *Journal of Pharmacology and Experimental Therapeutics*, 132:251-257, 1961.
- UHLE, F. C.: Methylaminomethylsuccinic acid. *Journal of Organic Chemistry*, 27:4081-4083, 1962.
- UHLE, FREDERICK, C.: C-23 acylation of pseudodiosgenin diacetate. *Journal of Organic Chemistry*, 30:3915-3920, 1965.
- MH-2030 (R01) BONNYCASTLE, DESMOND D.: Brain 5-hydroxytryptamine and anticonvulsants. Seton Hall College of Medicine and Dentistry, Jersey City, N.J. (1957-60)
- AMMANN, A., and ANDERSON, E. G.: The neuromyal blocking action of the monoamine oxidase inhibitors. (Abstract) *Pharmacologist*, 3(2):73, 1961.
- ANDERSON, E. G., and AMMANN, A.: The effects of monoamine oxidase inhibitors on neuromyal transmission. *Journal of Pharmacology and Experimental Therapeutics*, 140:179-182, 1963.
- ANDERSON, E. G., and BONNYCASTLE, D. D.: A study of the central depressant action of pentobarbital, phenobarbital and diethylether in relationship to increases in brain 5-hydroxytryptamine. *Journal of Pharmacology and Experimental Therapeutics*, 130:138-143, 1960.
- ANDERSON, E. G., MARKOWITZ, S. D., and BONNYCASTLE, D. D.: Brain 5-hydroxytryptamine and anticonvulsant activity. *Journal of Pharmacology and Experimental Therapeutics*, 136:179-182, 1962.
- BONNYCASTLE, D. D., and BONNYCASTLE, M. F.: Amine content of the central nervous system in relation to function. (Abstract) In: 22nd International Congress of Physiological Sciences. Vol. 2. New York, Excerpta Medica Foundation, 1962, p. 612.
- MH-2031 (R01) KELLY, GEORGE, and RUBINSTEIN, ELI A.: A research conference on effects of psychotherapy. American Psychological Association, Washington, D.C. (1957-59)
- RUBINSTEIN, ELI A., and PARLOFF, MORRIS B., eds.: Research in psychotherapy. Proceedings of a Conference, Washington, D.C., April 9-12, 1958. Washington, D.C., American Psychological Association, 1958, 293 p.
- MH-2032 (R01) SZUREK, STANISLAUS A., and BOMBERG, DOROTHY: Statistical study of autistic patients. Langley Porter Neuropsychiatric Institute. San Francisco, Calif. (1958-64)
- GIANASCOL, A. J.: Psychodynamic approaches to childhood schizophrenia. A review. *Journal of Nervous and Mental Disease*, 137:336-348, 1963.
- MH-2034 (R03) VON HOLT, HENRY, JR.: A study of the Rorschach and other clinical tests. University of Oregon, Eugene, Ore. (1957-58)
- VON HOLT, HENRY W., JR., SENGSTAKE, CORD B., SONODA, BEVERLY, and DRAPER, WILLIAM A.: Orality, image fusions and concept-formation. *Journal of Projective Techniques*, 24:194-198, 1960.
- MH-2035 (R01) MEYER, DONALD R.: Studies in primate learning and perception. Ohio State University, Columbus, Ohio. (1957- )
- HOREL, JAMES A., BETTINGER, LEWIS A., ROYCE, JAMES G., and MEYER, DONALD R.: Role of neocortex in the learning and relearning of two visual habits by the rat. *Journal of Comparative and Physiological Psychology*, 61(1):66-78, 1966.
- HOREL, J. A., SCHUCK, J. R., and MEYER, D. R.: Effects of spatial stimulus arrangements upon discrimination learning by monkeys. *Journal of Comparative and Physiological Psychology*, 54:546-547, 1961.
- HOREL, J. A., TREICHLER, F. R., and MEYER, D. R.: Coercive behavior in the rhesus monkey. *Journal of Comparative and Physiological Psychology*, 56:208-210, 1963.
- MCCONNELL, D. G., MEYER, D. R., and ALT, J. E.: A fully automatic primate test apparatus with response contingent stimuli. Transactions of the



- 12th Annual Conference on Electrical Applications in Medicine and Biology (I.R.E.), Philadelphia, November, 1959.
- McCONNELL, D., POLIDORA, V. J., FRIEDMAN, M. P., and MEYER, D. R.: Automatic reading and recording of digital data in the analysis of primate behavior. Institute of Radiation Engineers (Medical Electronics) Transactions, September, 1959.
- MEYER, D. R.: The effects of differential probabilities of reinforcement on discrimination learning by monkeys. *Journal of Comparative and Physiological Psychology*, 53:173-175, 1960.
- MEYER, D. R., and MEYER, P. M.: Brain functions. *Annual Review of Psychology*, 14:155-174, 1963.
- MEYER, D. R., POLIDORA, V. J., and McCONNELL, D. G.: Effects of spatial S-R contiguity and response delay upon discriminative performance by monkeys. *Journal of Comparative and Physiological Psychology*, 54:175-177, 1961.
- MEYER, DONALD R., TREICHLER, F. ROBERT, and MEYER, PATRICIA M.: Discrete-trial training techniques and stimulus variables. In: Schrier, Allan M., Harlow, Harry F., and Stollnitz, Fred, eds. *Behavior of nonhuman primates*. Vol. 1. New York, Academic Press, 1965, p. 1-49.
- MEYER, D. R., TREICHLER, F. R., YUTZEY, D. A., and MEYER, P. M.: Precedence effects in discrimination learning by normal and frontal monkeys. *Journal of Comparative and Physiological Psychology*, 58:472-474, 1964.
- MEYER, P. M.: Analysis of visual behavior in cats with extensive neocortical ablations. *Journal of Comparative and Physiological Psychology*, 56:397-401, 1963.
- MEYER, P. M., HOREL, J. A., and MEYER, D. R.: Effects of dl-amphetamine upon placing responses in neocorticate cats. *Journal of Comparative and Physiological Psychology*, 56:402-404, 1963.
- OTTESON, M. I., SHERIDAN, C. L., and MEYER, D. R.: Effects of stimulus-response isolation on primate pattern discrimination learning. *Journal of Comparative and Physiological Psychology*, 55:935-938, 1962.
- SCHUCK, J. R., POLIDORA, V. J., McCONNELL, D. G., and MEYER, D. R.: Response location as a factor in primate pattern discrimination. *Journal of Comparative and Physiological Psychology*, 54:543-545, 1961.
- SHERIDAN, CHARLES LAWRENCE: Interocular transfer of brightness and pattern discriminations in normal and corpus callosum-sectioned rats. *Journal of Comparative and Physiological Psychology*, 59(2):292-294, 1965.
- SHERIDAN, C. L., HOREL, J. A., and MEYER, D. R.: Effects of response-induced stimulus change on primate discrimination learning. *Journal of Comparative and Physiological Psychology*, 55:511-514, 1962.
- TREICHLER, F. R., HOREL, J. A., and MEYER, D. R.: An assessment of automatically dispensed primate reinforcers. *Journal of the Experimental Analysis of Behavior*, 5:537-539, 1962.
- MH-2036 (R01) BENDA, CLEMENS E., and JONES, EDWARD V., JR.: Personality factors in mental retardation. Walter E. Fernald State School, Waverly, Mass. (1957-64)
- BENDA, C. E.: Language, intelligence, and creativity. *Journal of Existential Psychiatry*, 3:27-44, 1962.
- BENDA, C. E.: Monogolism. In: Carter, Charles H., ed. *Medical aspects of mental retardation*. Springfield, Ill., C. C. Thomas, 1963, p. 519-590.
- BENDA, CLEMENS E.: Die geistigen Entwicklungsstörungen im Kindesalter. *Der Nervenarzt*, 35(3):97-101, 1964.
- BENDA, C. E., SQUIRES, N. D., OGONIK, J., and WISE, R.: Personality factors in mild mental retardation. Part I. Family background and sociocultural patterns. *American Journal of Mental Deficiency*, 68:24-40, 1963.
- BENDA, C. E., SQUIRES, N. D., OGONIK, J., WISE, R., and AKIN R.: The relationship between intellectual inadequacy and emotional and sociocultural privation. *Comprehensive Psychiatry*, 5:294-313, 1964.
- BENDA, CLEMENS E., SQUIRES, NEWELL D., OGONIK, JOHN, WISE, ROBERT, and AKIN, RUTH: The relationship of intellectual inadequacy to emotional factors. In: International Congress on the Scientific Study of Mental Retardation, Denmark, August 7-14, 1964, p. 588-597.
- MH-2039 (R01) TAYLOR, JANET A., MAHER, BRENDAN: Learning, emotionality and early experience in rats. Northwestern University, Evanston, Ill. (1958-59)
- SPENCE, JANET T., and MAHER, B. A.: Handling and noxious stimulation of the albino rat. I. Effects on subsequent emotionality. *Journal of Comparative and Physiological Psychology*, 55:247-251, 1962.
- SPENCE, JANET T., and MAHER, B. A.: Handling and noxious stimulation of the albino rat. II. Effects on subsequent performance in a learning situation. *Journal of Comparative and Physiological Psychology*, 55:252-255, 1962.
- TAYLOR, JANET A., and MAHER, B. A.: Escape and displacement experience as variables in the recovery from approach-avoidance conflicts. *Journal of Comparative and Physiological Psychology*, 52:586-590, 1959.

- MH-2045 (R01) BOWERMAN, CHARLES E.: Parent and peer orientations of adolescents. University of North Carolina, Chapel Hill, N.C. (1958-63)
- BOWERMAN, CHAS. E., and ELDER, GLEN H., JR.: Variations in adolescent perception of family power structure. *American Sociological Review*, 29:551-567, 1964.
- BOWERMAN, CHARLES E., and IRISH, DONALD P.: Some relationships of stepchildren to their parents. *Marriage and Family Living*, 24(2):113-121, 1962.
- ELDER, GLEN H., JR.: Adolescent achievement and mobility aspirations. Chapel Hill, N.C., Institute for Research in Social Science, 1962, 238 p. (Processed).
- ELDER, GLEN H., JR.: Structural variations in the child rearing relationship. *Sociometry*, 25(3):241-262, 1962.
- ELDER, GLEN H., JR.: Parental power legitimation and its effect on the adolescent. *Sociometry*, 26(1):50-65, 1963.
- ELDER, GLEN H., JR., and BOWERMAN, CHARLES E.: Family structure and child-rearing patterns: The effect of family size and sex composition. *American Sociological Review*, 28(6):891-905, 1963.
- IRISH, DONALD P.: Frequencies and characteristics of broken homes among adolescents. *The Ohio Journal of Science*, 63(1):30-38, 1963.
- MH-2046 (R03) FAGOT, ROBERT F.: Experiments and related theory in choice behavior. University of Oregon, Eugene, Ore. (1957-58)
- FAGOT, R. F.: A model for ordered metric scaling by comparison of intervals. *Psychometrika*, 24:157-158, 1959.
- MH-2050 (R01) DICE, LEE R.: Heredity of behavior types in peromyscus. Cranbrook Institute of Science, Bloomfield Hills, Mich. (1958-61)
- DICE, LEE R.: Laboratory instruments for measuring the behavior of shy or nocturnal small mammals. *Journal of Mammalogy*, 42:159-166, 1961.
- DICE, LEE R., BARTO, ELIZABETH, and CLARK, PHILIP J.: Modifications of behaviour associated with inherited convulsions or whirling in three strains of peromyscus. *Animal Behaviour*, 11:40-50, 1963. (Also acknowledges MH-375 and MH-1650).
- DICE, LEE R., and CLARK, PHILIP J.: Variation in measures of behavior among three races of peromyscus. *Contributions of the Laboratory of Vertebrate Biology at the University of Michigan*, 75:1-28, 1952. (Also acknowledges MH-375 and MH-1650).
- DICE, LEE R., CLARK, PHILIP J., and GILBERT, ROBERT I.: Relation of fertility to education in

Ann Arbor, Michigan, 1951-1954. *Ann Arbor Quarterly*, 11:30-45, 1964.

- MH-2051 (R01) D'AMATO, MICHAEL R.: experience and adult behavior organization. York University, New York, N.Y. (1958-61)
- D'AMATO, M. R.: Distribution variables in discrimination learning in rats. *Canadian Journal of Psychology*, 14:216-219, 1960.
- D'AMATO, M. R.: Effect of litter size on brightness discrimination and reversal. *Psychological Reports*, 7:91-97, 1960.
- D'AMATO, M. R.: Flash rate as a discriminative variable in discrimination learning in rats. *Journal of Comparative and Physiological Psychology*, 44:445-448, 1961.
- D'AMATO, M. R.: Transfer of an early acquired brightness discrimination from bar-pressing to a Y maze. *Journal of Comparative and Physiological Psychology*, 54:548-551, 1961.
- D'AMATO, M. R., and JAGODA, H.: Age, sex, and rearing conditions as variables in simple brightness discrimination. *Journal of Comparative and Physiological Psychology*, 53:261-263, 1960.
- D'AMATO, M. R., and JAGODA, H.: Effects of extinction trials on discrimination reversal. *Journal of Experimental Psychology*, 59:251-260, 1960.
- D'AMATO, M. R., and JAGODA, H.: Transfer of brightness discrimination from bar-pressing to a Y maze. *Psychological Reports*, 7:83-90, 1960.
- D'AMATO, M. R., and JAGODA, H.: Analysis of the role of overlearning in discrimination reversal. *Journal of Experimental Psychology*, 61:1-10, 1961.
- D'AMATO, M. R., and JAGODA, H.: Studies on the transfer of brightness discrimination from bar-pressing to a Y maze. *Journal of Psychology*, 52:422, 1961.
- D'AMATO, M. R., and JAGODA, H.: Overlearning and position reversal. *Journal of Experimental Psychology*, 64:117-122, 1962.
- D'AMATO, M. R., and JAGODA, H.: Effect of exposure to photic stimulation on brightness discrimination and exploratory behavior. *Journal of Genetic Psychology*, 101:267-271, 1962.
- D'AMATO, M. R., and SCHIFF, D.: Long-term extinguished avoidance performance in the rat. *Journal of Comparative and Physiological Psychology*, 57:123-126, 1964.
- D'AMATO, M. R., SCHIFF, D., and JAGODA, H.: Resistance to extinction after varying amounts of discriminative or nondiscriminative training. *Journal of Experimental Psychology*, 64:521-526, 1962.

- JAGODA, H., and D'AMATO, M. R.: Response repetition in a free-responding situation. *Journal of Comparative and Physiological Psychology*, 53: 264-266, 1960.
- MH-2054 (R01) HOOBLER, ICIE M., BALL, RACHEL STUTSMAN, and KELLY, HARRIET J.: Metabolic adaptations to emotional disturbance. Merrill Palmer Institute, Detroit, Mich. (1958-60)
- WENLER, JONATHAN: Multiple analysis program system: A system of interrelated statistical programs. Tempe, Arizona, Arizona State University, 1959, 126 p. (Processed) (Also acknowledges MH-2926).
- MH-2057 (R03) SOLOMON, PHILIP, and PETRIE, ASENATH: Reactions to pain and sensory deprivation. Harvard Medical School, Boston, Mass. (1957-58)
- PETRIE, A., COLLINS, W., and SOLOMON, P.: Pain sensitivity, sensory deprivation, and susceptibility to satiation. *Science*, 128(3336):1431-1433, 1958. (Also acknowledges MH-2641).
- MH-2060 (R01) KAPLAN, SOLOMON, D.: Mecholyth thresholds of depressants. University of Kansas Medical Center, Kansas City, Kans. (1957-58)
- KAPLAN, S. D.: A visual test of hypothalamic excitability. (Abstract) *American Psychologist*, 14 (7):400, 1959.
- KAPLAN, S. D.: A visual analog of the Funkenstein test. *Archives of General Psychiatry*, 3:383-388, 1960.
- KAPLAN, S. D.: Drugs and hypothalamic excitability. In: Uhr, L., and Miller, J. S., eds. *Drugs and behavior*. New York, John Wiley, 1960, p. 413-419.
- MH-2061 (R01) COHEN, SANFORD I., and SILVERMAN, ALBERT J.: Affects, physiological changes and humoral levels. Duke University, Durham, N.C. (1958-62)
- BRESSLER, BERNARD, SILVERMAN, A. J., COHEN, S. I., and SHMAVONIAN, BARRY: Research in human subjects and the artificial traumatic neurosis: Where does our responsibility lie? *American Journal of Psychiatry*, 116(6):522-526, 1959.
- COHEN, S. I., SILVERMAN, A. J., BRESSLER, BERNARD, and SHMAVONIAN, BARRY: Problems in isolation studies, 1958. In: Solomon, P., ed. *Sensory deprivation*. Cambridge, Harvard University Press, 1961, p. 114-129.
- COHEN, S. I., SILVERMAN, A. J., and SHMAVONIAN, B. M.: The measurement of human adaptation to stressful environments. *General Systems Review*, 4:221-241, 1959.
- COHEN, S. I., SILVERMAN, A. J., and SHMAVONIAN, B. M.: Neurophysiological, humoral, and personality factors in the response to sensory deprivation. In: *Proceedings of the 3rd World Congress of Psychiatry*. Vol. 2. Montreal, University of Toronto Press/McGill University Press, 1961, p. 1004-1009.
- COHEN, S. I., SILVERMAN, A. J., and SHMAVONIAN, B. M.: Influence of psychodynamic factors on central nervous system functioning in young and aged subjects. *Psychosomatic Medicine*, 23(2):123-137, 1961.
- COHEN, S. I., SILVERMAN, A. J., and SHMAVONIAN, B. M.: Experimental stress in the study of psychopathological and neuroendocrinological relationships. In: West, L. J., ed. *Human experimental psychopathology*. New York, Hoeber, 1964.
- COHEN, S. I., SILVERMAN, A. J., WADDELL, WILLIAM, and ZUIDEMA, G. D.: Urinary catechol amine levels, gastric secretion and specific psychological factors in ulcer and non-ulcer patients. *Journal of Psychosomatic Research*, 5(2):90-115, 1961.
- SILVERMAN, A. J., COHEN, S. I., and SHMAVONIAN, B.: Selection techniques for space crews. *American Journal of Psychiatry*, 115(12):1110-1112, 1959.
- SILVERMAN, A. J., COHEN, S. I., and SHMAVONIAN, B. M.: Investigation of psychophysiological relationships with skin resistance measures. *Psychosomatic Research*, 4:65-87, 1959. (Also acknowledges MH-2109).
- SILVERMAN, A. J., COHEN, S. I., SHMAVONIAN, B. M., and KIRSHNER, NORMAN: Catechol amines in psychophysiological studies. In: Wortis, Joseph, ed. *Recent advances in biological psychiatry*, Vol. 3. New York, Grune & Stratton, 1961, p. 104-117.
- MH-2063 (R01) TERRELL, GLENN: Role of delayed reward in learning in children. University of Colorado, Boulder, Colo. (1958-62)
- TERRELL, G., and WARE, R.: Role of delay of reward in speed of size and form discrimination learning in childhood. *Child Development*, 32: 409-415, 1961.
- TERRELL, GLENN, and WARE, ROBERT: Emotionality as a function of delay of reward. *Child Development*, 34:495-501, 1963.
- WARE, ROBERT, and TERRELL, GLENN: Effects of delayed reinforcement on associative and incentive factors. *Child Development*, 32:789-793, 1961.
- MH-2064 (R01) McALLISTER, WALLACE R., and McALLISTER, DOROTHY B.: Systematic invest of second-order conditioning. Syracuse University, Syracuse, N.Y. (1958-62)

McALLISTER, D. E., and McALLISTER, D. E.: Second-order conditioning of fear. *Psychonomic Science*, 1:383-384, 1964.

McALLISTER, W. R., and McALLISTER, D. E.: Post-conditioning delay and intensity of shock as factors in the measurement of acquired fear. *Journal of Experimental Psychology*, 64:110-116, 1962.

McALLISTER, W. R., and McALLISTER, D. E.: Role of the CS and of apparatus cues in the measurement of acquired fear. *Psychological Reports*, 11:749-756, 1962.

McALLISTER, W. R., and McALLISTER, D. E.: Increase over time in the stimulus generalization of acquired fear. *Journal of Experimental Psychology*, 65:576-582, 1963.

McALLISTER, WALLACE R., McALLISTER, DOROTHY E., and FRANCHINA, JOSEPH J.: Dependence of equality judgments upon the temporal interval between stimulus presentations. *Journal of Experimental Psychology*, 70(6):602-605, 1965.

MH-2067 (R01) LEVY, LEON H.: Studies of anticipatory processes. Indiana University, Bloomington, Ind. (1958-62)

LEVY, LEON H.: Context effects in social perception. *Journal of Abnormal and Social Psychology*, 61:295-297, 1960.

LEVY, LEON H.: Weber fraction analogues in social perception. *Perceptual and Motor Skills*, 11:233-242, 1960.

LEVY, LEON H.: Judgments of groups as a function of the stimulus values of their individual members. (Abstract) *American Psychologist*, 16:358-359, 1961.

LEVY, LEON H.: The conditioning and generalization of changes in social perceptual dispositions. *Journal of Abnormal and Social Psychology*, 63:583-587, 1961.

LEVY, LEON H.: Adaptation, anchoring, and dissipation in social perception. *Journal of Personality*, 29:94-104, 1961.

LEVY, LEON H.: Weber fraction analogues in social perception: Further investigation—a comment. *Perceptual and Motor Skills*, 14:424, 1962.

LEVY, LEON H.: Age and personal need correlates of expectancy for change. *Perceptual and Motor Skills*, 15:351-356, 1962.

LEVY, L. H.: Reversal response sets and the nature of person perception. *Journal of Abnormal and Social Psychology*, 67:392-396, 1963.

perception. *Journal of Abnormal and Social Psychology*, 61:21-24, 1960.

LEVY, L., ORR, T. B., and ROSENZWEIG, S.: Judgments of emotion from facial expressions of college students, mental retardates, and mental hospital patients. *Journal of Personality*, 28:349, 1960.

LEVY, L. H., and RICHTER, M. L.: Impressions of groups as a function of the stimulus values of their individual members. *Journal of Abnormal and Social Psychology*, 67:349-354, 1963.

MH-2068 (R01) PULVER, SYDNEY E.: Convulsive nonconvulsive electroshock. Pennsylvania Hospital, Philadelphia, Pa. (1958-60)

PULVER, SYDNEY E., and JACOBS, E. GARDNER: Effect of nonconvulsive electrostimulation on some side effects of ECT. *Diseases of the Nervous System*, 22(7):382-387, 1961.

MH-2072 (R01) LASSLO, ANDREW, and JAMES A.: Molecular structure and enzymatic properties. Emory University, Atlanta (1958-61) (Continued as MH-4379).

BEASLEY, JAMES G., QUINTANA, RONALD P., NELMS, GRETCHEN G.: The effect of piperidine carboxamide derivatives on isolated human p-cholinesterase: II. Variations in the amidation. *Journal of Medicinal Chemistry*, 7:701, 1964. (Also acknowledges MH-4379)

LASSLO, A., BEASLEY, J. G., NELMS, G. G., EPPERSON, G. J.: The effect of piperidine carboxamide derivatives on isolated human p-cholinesterase. *Journal of Medicinal Chemistry*, 6:811-813, 1963. (Also acknowledges MH-4379).

LASSLO, A., and MEYER, A. L.: Effect of promazine upon isolated d-amino acid oxidase systems. *Nature*, 184:1922-1925, 1959.

LASSLO, A., MEYER, A. L., and RAMA SASTRY, S.: Enzymatic hydrolysis of lactoyl and glyceroxy lines. *Journal of Medical Pharmacology and Chemistry*, 2:91-98, 1960.

LASSLO, A., and WALLER, P. D.: Derivatives of N-Methylpiperidine. *Journal of Medical Pharmacology and Chemistry*, 2:107-110, 1960.

LASSLO, A., WALLER, P. D., and EPPERSON, G. J.: The synthesis of arylalkylamino-propionamide analogues of lysergic acid diethylamide and their effect upon isolated cholinesterase systems. *Journal of Medicinal Chemistry*, 6:26-28, 1963. (Also acknowledges MH-4379).

- LASSLO, A., WALLER, P. D., MEYER, A. I., and RAMA SASTRY, B. V.: The synthesis of substituted arylalkylaminopropionamide analogues of lysergic acid diethylamide and their effect upon isolated cholinesterase systems. *Journal of Medical Pharmacology and Chemistry*, 2:617-631, 1960.
- QUINTANA, R. P.: Relationships between the surface activity and cholinesterase inhibition of mono- and bis [3-(N,N-diethylcarbamoyl) piperidino] alkanes. *Journal of Pharmaceutical Sciences*, 53: 1221-1223, 1964. (Also acknowledges MH-4379).
- QUINTANA, R. P.: Relationships between the surface activity and cholinesterase inhibition of carbamoylpiperidinoalkanes. II. Variations in the amide function. *Journal of Pharmaceutical Sciences*, 54 (4):573-575, 1965. (Also acknowledges MH-4379).
- QUINTANA, R. P., and SHRADER, W. A.: Synthesis of selected amides of mono- and bis(carboxypiperidino) alkanes. *Journal of Pharmaceutical Sciences*, 52:1186-1188, 1963. (Also acknowledges MH-4379).
- QUINTANA, RONALD P., SMITH, TERRY D., and LORENZEN, LINDA F.: Synthesis of carbamoylpiperidine-type cholinesterase inhibitors. *Journal of Pharmaceutical Sciences*, 54(5):785-787, 1965. (Also acknowledges MH-4379).
- MH-2074 (R01) FLANAGAN, JOHN C., and DAILEY, JOHN T.: Identification and development of human abilities. University of Pittsburgh, Pittsburgh, Pa. (1958-64)
- DAILEY, J. T.: Motivation for science careers. *Science Education*, 46(3):255-257, 1962.
- DAILEY, JOHN T., and SHAYCOFT, M. F.: Types of tests in Project Talent: Standardized aptitude and achievement tests. In: Cooperative research monograph no. 9, Office of Education. Washington, D.C., U.S. Government Printing Office, 1961, 62 p.
- FLANAGAN, J. C.: Data processing in large-scale research projects. *Harvard Educational Review*, 31 (3):250-256, 1961.
- FLANAGAN, JOHN C.: Project "Talent." A progress report. In: Measurement and research in today's schools. Report of the 25th Educational Conference, 1960. March, 1961, p. 99-108.
- FLANAGAN, J. C.: Science aptitudes of high school students. Scientific Manpower. Washington, D.C., National Science Foundation, 1961, p. 10-13.
- FLANAGAN, J. C.: Maximizing human talents. *Journal of Teaching Education*, 8(2):209-215, 1962.
- FLANAGAN, J. C.: Implications of research for American secondary education. In: Elam, Stanley, ed. *New dimensions for educational progress*. Bloomington, Ind., Phi Delta Kappa, 1962, p. 55-72.
- FLANAGAN, J. C.: The implications of recent research for the improvement of secondary education. *American Educational Research Journal*, 1 (1):1-9, 1964.
- FLANAGAN, J. C.: Obtaining useful comparable scores for non-parallel tests and test batteries. *Journal of Educational Measurement*, 1(1):1-4, 1964.
- FLANAGAN, J. C.: Some early findings from a nationwide survey: Project Talent. *NEA Journal*, 53:8-10, 1964.
- FLANAGAN, J. C., and DAILEY, J. T.: Prospectus for the talent search. *Personnel and Guidance Journal*, 37:387-389, 1959.
- FLANAGAN, J. C., DAILEY, J. T., SHAYCOFT, M. F., GORHAM, W. A., ORR, D. B., and GOLDBERG, I.: Design for a study of American youth. Boston, Houghton Mifflin, 1962, 240 p.
- FLANAGAN, M. E., DAILEY, J. T., SHAYCOFT, M. F., ORR, D. B., and GOLDBERG, I.: Studies of the American high school. Final report to U.S. Office of Education, Cooperative Research Project No. 226. Pittsburgh, Project Talent Office, University of Pittsburgh, 1962. (Processed)
- FLANAGAN, M. E., DAVIS, F., DAILEY, J. T., SHAYCOFT, M. F., ORR, D. B., GOLDBERG, I., and NEYMAN, C. A., JR.: The American high-school student. Final report to U.S. Office of Education, Cooperative Research Project No. 635. Pittsburgh, Project Talent Office, University of Pittsburgh, 1964.
- SHAYCOFT, M. F., DAILEY, J. I., ORR, D. B., NEYMAN, C. A., and SHERMAN, W.: Studies of a complete age group—age 15. Technical report to U.S. Office of Education, Cooperative Research Project No. 566. Pittsburgh, Project Talent Office, University of Pittsburgh, 1963, 143 p. (Processed)
- MH-2075 (R01) LEBTE, EDWARD: Biogenesis of morphine and related alkaloids. University of California, Los Angeles, Calif. (1958-58) (Continued as MH-2662).
- LEBTE, E.: Biogenesis of morphine. *Chemistry and Industry (London)*, p. 977-978, 1958. (Also acknowledges MH-2662).
- LEBTE, E.: Biogenesis of d-norpseudo ephedrine in *Catha edulis*. *Chemistry and Industry (London)*, p. 1088-1089, 1958. (Also acknowledges MH-2662).
- LEBTE, E.: The biogenesis of morphine. *Journal of the American Chemical Society*, 81:3948-3951, 1959. (Also acknowledges MH-2662).
- MH-2082 (R01) ROCK, IRVIN: Trace mechanisms in learning and memory. New School for Social Research, New York, N.Y. (1958-59) (Continued as MH-3435).

- ROCK, I.: The present status of Gestalt psychology. In: *Festschrift for Gardner Murphy*. New York, Harper, 1960, p. 117-144. (Also acknowledges MH-3435).
- ROCK, I.: A neglected aspect of the problem of recall. In: Scher, Jordan, ed. *Toward a definition of mind*. Glencoe, Ill., Free Press, 1962, p. 645-659. (Also acknowledges MH-3435).
- ROCK, I., and CERASO, J.: Toward a cognitive theory of associative learning. In: Scheerer, C., ed. *Cognition: Theory, research, promise*. New York, Harper & Row, 1964, p. 110-146. (Also acknowledges MH-3435).
- ROCK, I., and EBENHOLTZ, S.: The relational determination of perceived size. *Psychological Review*, 66(6):387-401, 1959. (Also acknowledges MH-3435).
- ROCK, I., and EBENHOLTZ, S.: Stroboscopic movement based on change of phenomenal location rather than retinal location. *American Journal of Psychology*, 75(2):193-207, 1962. (Also acknowledges MH-3435).
- ROCK, I., EPSTEIN, W., and ZUCKERMAN, C. B.: Meaning and familiarity in associative learning. *Psychological Monographs*, 74(4):1-22, 1960. (Whole No. 491). (Also acknowledges MH-3435).
- MH-2087 (R01) DAVIDS, ANTHONY: Study of hospitalized emotionally disturbed children. Emma Pendleton Bradley Hospital, East Providence, R.I. (1958-58)
- DAVIDS, ANTHONY: Intelligence in childhood schizophrenics, other emotionally disturbed children, and their mothers. *Journal of Consulting Psychology*, 22:159-163, 1958.
- DAVIDS, ANTHONY, and PARENTI, ANITA N.: Time orientation and interpersonal relations of emotionally disturbed and normal children. *Journal of Abnormal and Social Psychology*, 57:299-305, 1958.
- DAVIDS, ANTHONY, and PARENTI, ANITA N.: Personality, social choice, and adults perception of these factors in groups of disturbed and normal children. *Sociometry*, 21:212-224, 1958.
- MH-2090 (R01) PROUT, CURTIS T., LORANGER, ARMAND, W., and WHITE, MARY ALICE: Drug effects in psychiatric research. New York Hospital, Westchester Division, White Plains, N.Y. (1957-60)
- LORANGER, ARMAND W., PROUT, CURTIS T., and WHITE, MARY ALICE: The placebo effect in psychiatric drug research. *Journal of the American Medical Association*, 176:920-925, 1961.
- LORANGER, ARMAND, W., and PROUT, CURTIS T.: A controlled evaluation of deanol and benactyzine-meprobamate. *New England Journal of Medicine*, 266:1073-1078, 1962.
- MH-2092 (R01) FINK, MAX, and POLLACK, MAX: Individual differences in response to convulsions. Hillside Hospital, Glen Oaks, N.Y. (1959-60)
- FINK, MAX: Electroencephalographic and behavioral effects of Tofranil. *Canadian Psychiatric Journal*, 4:S166-S171, 1959. (Special Supplement to the 1959 Gill University Conference on Depression, Montreal, March 19-21, 1959. (Also acknowledges MH-927).
- FINK, MAX: Relation of tests of altered behavior to behavioral change following induced convulsions. In: *The First International Conference on Neurological Science, (III. EEG, Clinical Physiology and Epilepsy)*. London, 1959, p. 613-619.
- FINK, MAX: Effect of anticholinergic compounds on postconvulsive EEG and behavior of patients. *Electroencephalography and Neurophysiology*, 12:359-369, 1960. (Also acknowledges MH-927).
- FINK, MAX: EEG and behavioral effects of various pharmacologic agents. In: Bradley, P., ed. *Neuropsychopharmacology*. Amsterdam, 1960, p. 441-446. (Also acknowledges MH-927).
- FINK, MAX: Experimental psychiatric research. Hillside: Review and prospect. *Hillside Hospital*, 10:159-169, 1961.
- FINK, MAX: Quantitative electroencephalographic studies in human psychopharmacology. I. Frequency and drug action. *Neuropsychopharmacology Symposium*, Nurnberg, 1961. *Medicine*, 40:364-369, 1961. (Also acknowledges MH-2715).
- FINK, MAX: The mode of action of convulsants. The neurophysiologic-adaptive view. *Journal of Neuropsychiatry*, 3:231-233, 1960. (Also acknowledges MH-927 and MH-2715).
- FINK, MAX, KAHN, R. L., KARP, E., POLLACK, MAX, GREEN, M. A., ALAN, B., and LEFKOWITZ, J.: Inhalant-induced convulsions. *Archives of General Psychiatry*, 4:259-266, 1961.
- FINK, MAX, KAHN, R. L., and POLLACK, MAX: Psychological factors affecting individual differences in behavioral response to convulsions. *Journal of Nervous and Mental Disease*, 150:248, 1959. (Also acknowledges MH-927).
- FINK, MAX, POLLACK, M., SIEGEL, N., and KAHN, R. L.: Social aspects of psychiatric treatment in three hospitals: Methodological problems. *Administrative Cooperative Clinical Studies in Psychiatry*, 6:202-206, 1961.

- KAHN, R. L., and FINK, M.: Prognostic value of Rorschach criteria in clinical response to convulsive therapy. *Journal of Neuropsychiatry*, 1:242-245, 1960. (Also acknowledges MH-927).
- KAHN, ROBERT L., and POLLACK, MAX: Prognostic application of psychological techniques in convulsive therapy. *Diseases of the Nervous System*, Monograph Supplement, 20(5):1-5, 1959. (Also acknowledges MH-927).
- KAHN, R. L., POLLACK, M., and FINK, MAX: Sociopsychologic aspects of psychiatric treatment in a voluntary mental hospital: Duration of hospitalization, discharge ratings and diagnosis. *Archives of General Psychiatry*, 1:565-574, 1959. (Also acknowledges MH-927).
- KAHN, R. L., POLLACK, M., and FINK, M.: Figure-ground discrimination after induced altered brain function. *Archives of Neurology*, 2:547-551, 1960. (Also acknowledges MH-927).
- KAHN, R. L., POLLACK, M., and FINK, M.: Social attitude (California F Scale) and convulsive therapy. *Journal of Nervous and Mental Diseases*, 130:187-192, 1960. (Also acknowledges MH-927).
- KARP, E., POLLACK, M., and FINK, M.: Critical flicker frequency and electroencephalography alpha: A reliability study. *Electroencephalography and Clinical Neurophysiology*, 14:60-63, 1962. (Also acknowledges MH-2715).
- POLLACK, M., and FINK, M.: Sociopsychological characteristics of patients who refuse convulsive therapy. *Journal of Nervous and Mental Disease*, 132:153-157, 1961.
- POLLACK, M., and FINK, MAX: Disordered perception of simultaneous stimulation of face and hand. A review and theory. In: Wortis, J., ed. *Biological Psychiatry, Volume IV*. New York, Plenum, 1962, p. 362-369.
- POLLACK, M., KAHN, R. L., KARP, E., and FINK, M.: Tachistoscopic perception after induced altered brain function: Influence of mental set. *Journal of Nervous and Mental Disorders*, 134:422-430, 1962. (Also acknowledges MH-927).
- POLLACK, M., KARP, E., KRAUTHAMER, G., KLEIN, D. F., and FINK, MAX: Neuropsychologic response patterns of some psychotropic drugs. In: Rothlin, E., ed. *Neuropsychopharmacology*. Amsterdam, Elsevier, 1961, p. 381-384.
- MH-2093 (R01) WITTENBORN, J. RICHARD: A behavior rating scale procedure. Rutgers—The State University, New Brunswick, N.J. (1957-58)
- WITTENBORN, J. R.: Ratings based on the standard interview. In: Glueck, B. C., ed. *Report of Conference on Social Adjustment Rating Scales*, held at Center for Continuation Study, University of Minnesota, October 10, 1958.
- WITTENBORN, J. R.: Rating scales in diagnosis. In: Nodine, John H., and Moyler, John H., eds. *Psychosomatic medicine*. First Hahnemann Symposium. Philadelphia, Lea & Febiger, 1962, p. 55-60. (Also acknowledges MH-2525 and MH-3008).
- WITTENBORN, J. R., CLARK, W. D., MARTUCCI, L., and SIMMONS, J. J.: A standard interview as an aid to assessment. *Journal of Nervous and Mental Disease*, 134:353-360, 1962.
- MH-2094 (R01) DEWS, PETER B., and MORSE, W. H.: Basic types of effects of drugs on behavior. Harvard Medical School, Boston, Mass. (1957- )
- COOK, L., and KELLEHER, R. T.: Effects of drugs on behavior. In: Cutting, W. C., ed. *Annual Review of Pharmacology*. Vol. 3. Palo Alto, California, Annual Reviews, 1963, p. 205-222. (Also acknowledges MH-2645).
- DAVIS, JOEL L.: Antagonism of a behavioral effect of d-amphetamine by chlorpromazine in the pigeon. *Journal of the Experimental Analysis of Behavior*, 8(5):325-327, 1965.
- DEWS, P. B.: Analysis of effects of psychopharmacological agents in behavioral tests. *Federation Proceedings*, 17:1024-1030, 1958. (Also acknowledges MH-1226).
- DEWS, P. B.: Some observations on an operant in the octopus. *Journal of the Experimental Analysis of Behavior*, 2:57-63, 1959.
- DEWS, P. B.: Monoamines et comportement conditionné. Symposium sur les monoamines et le système nerveux central. Geneva, 1961.
- DEWS, P. B.: Psychopharmacology. In: Bachrach, A. J., ed. *Experimental foundations of clinical psychology*. New York, Basic Books, 1962, p. 423-441.
- DEWS, P. B.: A behavioral output enhancing effect of imipramine in pigeons. *International Journal of Neuropharmacology*, 1:265-272, 1962. (Also acknowledges MH-2645).
- DEWS, P. B.: The effect of multiple  $S^A$  periods on responding on a fixed-interval schedule. *Journal of the Experimental Analysis of Behavior*, 5:369-374, 1962. (Also acknowledges MH-2165).
- DEWS, P. B.: Schedules of reinforcement. In: Steinberg, Hannah, deReuck, A. V. S., and Knight, Julie, eds. *Ciba Foundation symposium jointly with the co-ordinating committee for symposia on drug action on animal behaviour and drug action*. London, J. & A. Churchill, 1964, p. 191-201. (Also acknowledges MH-2645).

- DEWS, P. B.: Humors. *Proceedings of the American Philosophical Society*, 108(6):473-477, 1964.
- DEWS, P. B.: The effect of multiple S periods on responding on a fixed-interval schedule: II. In a primate. *Journal of the Experimental Analysis of Behavior*, 8(1):53-54, 1965. (Also acknowledges MH-2645).
- DEWS, P. B.: The effect of multiple S periods on responding on a fixed-interval schedule: III. Effect of changes in pattern of interruptions, parameters and stimuli. *Journal of the Experimental Analysis of Behavior*, 8(6):427-435, 1965.
- DEWS, P. B.: The effect of multiple S<sup>2</sup> periods on responding on a fixed-interval schedule: IV. Effect of continuous S<sup>2</sup> with only short S<sup>2</sup> probes. *Journal of the Experimental Analysis of Behavior*, 9(2):147-151, 1966.
- DEWS, PETER B.: Conditioned behavior as substratum for behavioral effects of drugs. In: *Psychiatric drugs*. New York, Grune & Stratton, 1966, p. 22-31.
- DEWS, P. B., and MORSE, W. H.: Behavioral pharmacology. *Annual Review of Pharmacology*, 1: 145-174, 1961.
- DEWS, P. B., and TRENDLENBURG, U.: Das pharmakologiestudium in den U.S.A. *Archiv für Exper. Pathologie und Pharm.*, 236:310-316, 1959.
- KELLEHER, ROGER T.: Operant conditioning. In: Schrier, Allan M., Harlow, Harry F., and Stollnitz, Fred, eds. *Behavior of nonhuman primates*. Vol. 1. New York, Academic Press, 1965, p. 211-247. (Also acknowledges MH-2645).
- KELLEHER, R. T., FRY, W., and COOK, L.: Adjusting fixed-ratio schedules in the squirrel monkey. *Journal of the Experimental Analysis of Behavior*, 7:69-77, 1964. (Also acknowledges MH-2645).
- KELLEHER, ROGER T., and GOLLUB, LEWIS R.: A review of positive conditioned reinforcement. *Journal of the Experimental Analysis of Behavior*, 5(Suppl.):543-597, 1962. (Also acknowledges MH-1604 and MH-2645).
- KELLEHER, R. T., and MORSE, W. H.: Escape behavior and punished behavior. *Federation Proceedings*, 23:808-817, 1964.
- KELLEHER, R. T., RIDDLE, W. C., and COOK, L.: Persistent behavior maintained by unavoidable shocks. *Journal of Experimental Analysis of Behavior*, 6:507-517, 1963. (Also acknowledges MH-2645).
- MARLEY, E., and MORSE, W. H.: Operant conditioning in the newly hatched chicken. *Journal of the Experimental Analysis of Behavior*, 9(2):95-103, 1966.
- MOLLIVER, M. E.: Operant control of vocal behavior in the cat. *Journal of the Experimental Analysis of Behavior*, 6:197-202, 1963. (Also acknowledges MH-2645).
- MORSE, W. H.: Use of operant conditioning techniques for evaluating the effects of barbiturates on behavior. In: Nodine, John H., and Moyer, John H., eds. *The 1st Habermann Symposium on Psychosomatic Medicine*. Philadelphia, Lea & Febiger, 1962, p. 275-281.
- RUTLEDGE, CHARLES O., and KELLEHER, ROGER T.: Interactions between the effects of methamphetamine and pentobarbital on operant behavior in the pigeon. *Psychopharmacologia*, 7(6):400-408, 1965.
- SMITH, C. B.: Enhancement by reserpine and  $\alpha$ -methyl dopa of the effects of d-amphetamine upon the locomotor activity of mice. *Journal of Pharmacology*, 142:343-350, 1963. (Also acknowledges MH-2645).
- SMITH, CHARLES B.: Effects of d-Amphetamine upon operant behavior of pigeons: Enhancement by reserpine. *Journal of Pharmacology and Experimental Therapeutics*, 146(2):167-174, 1964. (Also acknowledges MH-2645).
- SMITH, CHARLES B.: Effects of d-amphetamine upon brain amine content and locomotor activity of mice. *Journal of Pharmacology and Experimental Therapeutics*, 147(1):96-102, 1965.
- SMITH, C. B., and DEWS, P. B.: Enhancement by reserpine of the effects of amphetamine on locomotor activity of mice. *Federation Proceedings*, 21: 1962.
- SMITH, C. B., and DEWS, P. B.: Antagonism of locomotor suppressant effects of reserpine in mice. *Psychopharmacology*, 3:55-59, 1962. (Also acknowledges MH-2645).
- VAILLANT, G. E.: A comparison of chlorpromazine and imipramine on behavior of the pigeon. *Journal of Pharmacology and Experimental Therapeutics*, 146(3):377-384, 1964.
- VAILLANT, GEORGE E.: Antagonism between physostigmine and atropine on the behavior of the pigeon. *Naunyn-Schmiedeberg's Arch. Exp. Path. u. Pharmak.*, 248:406-416, 1964. (Also acknowledges MH-2645).
- WALLER, M. B., and MORSE, W. H.: Effects of pentobarbital on fixed-ratio reinforcement. *Journal of the Experimental Analysis of Behavior*, 6: 125-130, 1963.
- WURTMAN, R. J., FRANK, M. M., MORSE, W. H., and DEWS, P. B.: Studies on behavior. V. Actions of l-epinephrine and related compounds. *Journal of Pharmacology*, 127:281-287, 1959.
- MH-2095 (R01) BOGOCH, SAMUEL: Pathological chemistry of brain glycolipids. Massachusetts Mental Health Center, Boston, Mass. (1958-61) (Continued as MH-5704).



- BOGOCH, S.: Neuraminic acid in the cerebrospinal fluid of schizophrenic patients. In: Rinkel, M., and Himwich, H. E., eds. *Insulin treatment in psychiatry*. New York, Philosophical Library, 1959, p. 343-357.
- BOGOCH, S.: Glycoproteins of human cerebrospinal fluid. *Nature*, 184:1628-1629, 1959.
- BOGOCH, S.: Structure and function of brain gangliosides. In: van Bogaert and Radermecker, eds. *Proceedings of the 1st International Congress of Neurological Sciences*. Vol. 1. New York, Pergamon, 1959, p. 142.
- BOGOCH, S.: Studies on the neurochemistry of schizophrenic and affective disorders. *American Journal of Psychiatry*, 116:743-744, 1960.
- BOGOCH, S.: Studies on cerebrospinal fluid. I. Quantitative fractionation of carbohydrate constituents. *Journal of Biological Chemistry*, 235: 16-22, 1960.
- BOGOCH, S.: Interaction of viruses with native brain substrates. *Neurology*, 10(5):439-445, 1960.
- BOGOCH, S.: Aminoglycolipids and glycoproteins of human brain. III. Quantitative separation and determination of brain glycoproteins, neuraminic acid, hexosamin, and hexoses by means of whole tissue emulsion-fractionation. *Nature*, 190:153-155, 1961. (Also acknowledges MH-5704).
- BOGOCH, S.: Glycoproteins of human cerebrospinal fluid. In: Stewart, C. P., Fraser, S. C., and Jocelyn, P. C., eds. *Proceedings of the 4th International Congress on clinical chemistry*. Edinburgh and London, Livingston, 1961, p. 136. (Also acknowledges MH-5704).
- BOGOCH, S.: Aminoglycolipids and glycoproteins of human brain. New methods for their extraction and further study in the sphingolipidoses. In: Aronson, S. M., and Volk, B. W., eds. *Proceedings of the international conference on the sphingolipidoses*. New York, Academic Press, 1962, p. 249-270. (Also acknowledges MH-5704).
- BOGOCH, S., BRILVAL, P. C., and WINER, D.: Aminoglycolipids and glycoproteins of human brain. II. Hot methanol extraction of human brain aminoglycolipids. *Nature*, 190:152-153, 1961. (Also acknowledges MH-5704).
- BOGOCH, S., and BOGOCH, E. S.: Effect of brain ganglioside on the heart of the clam. *Nature*, 183:53-54, 1959.
- BOGOCH, S., DUSSIK, K. T., FENDER, CH., and CONRAN, P.: Longitudinal clinical and neurochemical studies on schizophrenic and manic-depressive psychoses. *American Journal of Psychiatry*, 117:409, 1960.
- BOGOCH, S., FAILLACE, L. A., BRILVAL, P. C., and WINER, D.: Aminoglycolipids and glycoproteins of human brain. I. Quantitative fractionation of brain glycolipids by silicic acid chromatography. *Nature*, 190:150-155, 1961. (Also acknowledges MH-5704).
- FAILLACE, L. A., and BOGOCH, S.: Quantitative separation of human brain glycolipids: Isolation of an aminoglycolipid. *Biochemical Journal*, 82:527-530, 1962. (Also acknowledges MH-5704).
- MH-2096 (R01) SACKS, WILLIAM: Tricarboxylic acid cycle enzyme activities. Rockland State Hospital, Orangeburg, N.Y. (1957-59) (Continued from MH-789).
- SACKS, WILLIAM: Cerebral metabolism of isotopic glucose in chronic mental disease. *Journal of Applied Physiology*, 14:849-854, 1959.
- SACKS, WILLIAM: Cerebral metabolism of glucose-3-C<sup>14</sup>, pyruvate-1-C<sup>14</sup> and lactate-1-C<sup>14</sup> in mental disease. *Journal of Applied Physiology*, 16:175-180, 1961.
- MH-2097 (R01) HOFFMAN, PAUL J.: The paramorphic representation of human judgment. University of Oregon, Eugene, Ore. (1957-60) (Continued as MH-4439).
- CRANDALL, J. E., and HOFFMAN, P. J.: Estimation of judgment reliability: Effects of amount of intervening material and point of interpolation. *ORI Research Bulletin*, 1(1), 1961, 19 p. (Processed) (Also acknowledges MH-4439).
- HOFFMAN, P. J.: Generating variables with arbitrary properties. *Psychometrika*, 24(3):265-267, 1959.
- HOFFMAN, P. J.: Linear multivariate models as representative of clinical judgment. (Abstract) *Journal of the American Statistical Association*, 55(290):363, 1960. (Also acknowledges MH-4439).
- HOFFMAN, P. J.: The paramorphic representation of clinical judgment. *Psychological Bulletin*, 57(2): 116-131, 1960. (Also acknowledges MH-4439).
- HOFFMAN, P. J.: A multivariate analysis model for the prediction of differential diagnostic judgments. *Oregon Research Institute Bulletin*, 2(1):1962, 19 p. (Also acknowledges MH-4439).
- HOFFMAN, PAUL J.: Assessment of the independent contributions of predictors. *Psychological Bulletin*, 59:77-80, 1962. (Also acknowledges MH-4439).
- HOFFMAN, P. J., RORER, L., and LAFORGE, R.: Reciprocal moderation and configural prediction: The construction of an appropriate model. *ORI (Oregon Research Institute) Research Monograph*, 3(2), 1963. (Also acknowledges MH-4439).
- KNOX, R. E., and HOFFMAN, P. J.: Effects of variation of profile format on intelligence and sociability judgments. *Journal of Applied Psychology*, 46(1):14-20, 1962.

- LAForge, G. R.: Homoscedasticity. *American Psychologist*, 18:213-214, 1963. (Also acknowledges MH-4439).
- LAForge, G. R.: Determination of judgment models by field characteristics. *ORI (Oregon Research Institute) Research Bulletin*, 3(1), 1963. (Also acknowledges MH-4439).
- LAForge, R.: Components of reliability. *ORI (Oregon Research Institute) Technical Report*, 3(5), 1963. (Also acknowledges MH-4439).
- MAYBEE, J. S.: Least squares solutions of polynomial expressions: Some general considerations. *ORI (Oregon Research Institute) Technical Report*, 3(1), 1963. (Also acknowledges MH-4439).
- PRADHAN, P. L., and HOFFMAN, P. J.: Effect of spacing and range of stimuli on magnitude estimation judgments. *Journal of Experimental Psychology*, 66:533-541, 1963. (Also acknowledges MH-4439).
- TRUAX, D. R.: An asymptotic solution to the problem of sampling error for two equivalent models. *ORI (Oregon Research Institute) Technical Report*, 3(2), 1963. (Also acknowledges MH-4439).
- WIGGINS, N.: Multidimensional scaling for individual viewpoints. *ORI (Oregon Research Institute) Technical Report*, 3(3), 1963. (Also acknowledges MH-4439).
- MH-2100 (R01) VOGT, EVON Z.: Analysis of the process of cultural change. Harvard University, Cambridge, Mass. (1958- )
- BERGHE, PIERRE VAN DEN, and COLBY, BENJAMIN N.: Ladino-Indian relations in the highlands of Chiapas, Mexico. *Social Forces*, 40(1):63-71, 1961.
- CANCIAN, FRANCESCA M.: Interaction patterns in Zinacanteco families. *American Sociological Review*, 29:540-550, 1964.
- CANCIAN, FRANK: Informant error and native prestige ranking in Zinacantan. *American Anthropologist*, 65(5):1068-1075, 1963.
- CANCIAN, FRANK: Some aspects of the social and religious organization of a Maya society. In: *Acta y Memorias. (Sobretiro del XXXV Congreso Internacional de Americanistas Mexico, 1962)*. Mexico, 1964, p. 335-343.
- CANCIAN, FRANK: Economics and prestige in a Maya community. The religious cargo system in Zinacantan. Stanford, Calif., Stanford University Press, 1965, 238 p.
- COLBY, BENJAMIN N.: Social relations and directed culture change among the Zinacantan. *Practical Anthropology*, 7(6):241-250, 1960.
- COLBY, BENJAMIN N.: Indian attitudes toward education and inter-ethnic contact in Mexico. *Practical Anthropology*, 8(2):77-85, 1961.
- COLBY, BENJAMIN N., and BERGHE, PIERRE VAN DEN: Ethnic relations in southeastern Mexico. *American Anthropologist*, 63(4):772-792, 1961.
- JENKINS, JOAN W., WALLACH, MARTIN S., and STRUPP, HANS H.: Effects of two methods of response in a quasi-therapeutic situation. *Journal of Clinical Psychology*, 28:220-223, 1962.
- LAUGHLIN, ROBERT M.: El simbolo de la flor en la religion de Zinacantan. *Estudios de Cultura Maya, Seminario de Cultura Maya, Universidad Nacional Autonoma de Mexico*, 2:123-139, 1962.
- MILLER, FRANK C.: The influence of decision-making on the process of change: The case of Yaluc. *Alpha Kappa Delta*, 30(1):29-35, 1960.
- MILLER, FRANK C.: Tzotzil domestic groups. *Journal of the Royal Anthropological Institute*, 94(2):172-182, 1964. (Also acknowledges MH-1929).
- MILLER, FRANK C.: Cultural change as decision-making: A Tzotzil example. *Ethnology*, 4(1):53-65, 1965. (Also acknowledges MH-1929).
- VOGT, EVON Z.: Ancient Maya concepts in contemporary Zinacantan religion. VI<sup>e</sup> Congres International des Sciences Anthropologiques et Ethnologiques, Paris, 30 juillet-6 aout 1960. *Musee de l'Homme*, 2:497-502, 1960.
- VOGT, EVON Z.: Some aspects of Zinacantan settlement patterns and ceremonial organization. *Estudios de Cultura Maya, Seminario de Cultura Maya*. Vol. 1. Mexico, Universidad Nacional Autonoma de Mexico, 1961, p. 131-146.
- VOGT, EVON Z.: Some implications of Zinacantan social structure for the study of the ancient Maya. In: *Actas y Memorias. (Sobretiro del XXXV Congreso Internacional de Americanistas Mexico, 1962)*. Mexico, 1964, p. 307-319.
- VOGT, EVON Z.: Ancient Maya and contemporary Tzotzil cosmology: A comment on some methodological problems. *América Indígena*, 24(3):1211-1219, 1964. Also in: *American Antiquity*, 30(2), 1964.
- VOGT, EVON Z.: The genetic model and Maya cultural development. In: VOGT, EVON Z., and RUIZ, ALBERTO L., eds. *Desarrollo cultural de los Mayas. Seminario de Cultura Maya*. Mexico, Universidad Nacional Autonoma de Mexico, 1964, p. 9-48.
- VOGT, EVON Z.: Summary and appraisal. In: VOGT, EVON Z., and RUIZ, ALBERTO L., eds. *Desarrollo cultural de los Mayas*. Mexico, Universidad Nacional Autonoma de Mexico, 1964, p. 385-403.

- VOGT, E. Z.: Structural and conceptual replication in Zinacantan culture. *American Anthropologist*, 67(2):342-353, 1965.
- VOGT, EVON Z.: Ceremonial organization in Zinacantan. *Ethnology*, 4(1):39-52, 1965.
- VOGT, EVON Z.: Zinacanteco "souls." *Man*, No.29: 33-64, March-April, 1965.
- ZABALA, MANUEL T.: Instituciones políticas y religiosas de Zinacantan. *Estudios de Cultura Maya*. Vol. 1. Mexico, Universidad Nacional Autónoma de México, 1961, p. 147-158.
- MH-2104 (R01) VINTER, ROBERT D., JR., and JANOWITZ, MORRIS: Social organization and institutional treatment. University of Michigan, Ann Arbor, Mich. (1958-62)
- PERROW, CHARLES: Reality shock: A new organization confronts the custody-treatment dilemma. *Social Problems*, 10:374-382, 1963.
- STREET, D.: The inmate group in custodial and treatment settings. *American Sociological Review*, 30:40-55, 1965.
- VINTER, ROBERT D.: Analysis of treatment organizations. *Social Work*, 8(3):3-15, 1963.
- VINTER, ROBERT D., and JANOWITZ, MORRIS: Effective institutions for juvenile delinquents: A research statement. *Social Service Review*, 33: 118-131, 1959.
- VINTER, ROBERT D., and JANOWITZ, MORRIS: The comparative study of juvenile correctional institutions: A research report. Ann Arbor, Mich., School of Social Work, University of Michigan, 1961, 814 p. (Lithograph)
- ZALD, MAYER N.: The correctional institution for juvenile offenders: An analysis of organizational "character." *Social Problems*, 8(1):57-67, 1960.
- ZALD, MAYER N.: Power balance and staff conflict in correctional institutions. *Administrative Science Quarterly*, 7(1):22-49, 1962.
- ZALD, MAYER N.: Organizational control structure in five correctional institutions. *American Journal of Sociology*, 68(3):335-345, 1962.
- ZALD, MAYER N.: Comparative analysis and measurement of organizational goals: The case of correctional institutions for delinquents. *Sociological Quarterly*, 4(4):206-230, 1963.
- MH-2105 (R01) PARSONS, ANNE: A cross-cultural comparison of schizophrenic cases. McLean Hospital, Belmont, Mass. (1958-61)
- PARSONS, ANNE: Some comparative observations on ward social structure: Southern Italy, England and the United States. *L'Ospedale Psichiatrico*, Naples, 27(1):3-23, 1959.
- PARSONS, ANNE: A schizophrenic episode in a Neapolitan slum. *Psychiatry*, 24:109-121, 1961.
- PARSONS, ANNE: Autorita' patriarcale e autorita' matriarcale nella famiglia napoletana. *Quaderni di Sociologia*, 11:416-452, 1962.
- PARSONS, ANNE: Is the Oedipus complex universal? The Jones-Malinowski debate revisited and a South Italian "nuclear complex." In: Muensterberger, Warner, ed. *The psychoanalytic study of society*. Vol. 3. New York, International Universities Press, 1964.
- MH-2106 (R01) ROE, ANNE: Origin of interests in early family experiences. New York University, New York, N.Y. (1958-59) (Continued as MH-3239).
- ROE, ANNE, and SIEGELMAN, M.: A parent-child relations questionnaire. *Child Development*, 34: 355-369, 1963. (Also acknowledges MH-210 and MH-3239).
- MH-2109 (R01) BUSSE, EWALD W., HANDLER, PHILIP, RODNICK, ELIOT H., STEAD, EUGENE A., and WOODHILL, BARNES: Interdisciplinary research on aging. Duke University, Durham, N.C. (1957-62)
- ANLYAN, W. M. G., DEATON, HUGO L., and SILVER, DONALD: Experience with fibrinolysin in peripheral vascular occlusive disease. *American Journal of Cardiology*, 6:507-512, 1960.
- ANLYAN, W. G., WOODHILL, B., STICKEL, D., and MAHALEY, M. S., JR.: Human fibrinolysin in the treatment of acute thromboembolic disease. *Bulletin de la Société Internationale de Chirurgie*, 21 (3):273-277, 1962.
- AXELROD, SHYMOUR: Severe visual handicaps and kinesthetic figural aftereffects. *Perceptual and Motor Skills*, 13:151-154, 1961. (Also acknowledges MH-900).
- AXELROD, SEYMOUR: Cognitive tasks in several modalities. In: Williams, R. H., Tibbitts C., and Donahue, Wilma, eds. *Processes of aging*. New York, Atherton Press, 1963, p. 132-145. (Also acknowledges MH-900).
- AXELROD, S., and COHEN, L.: Senescence and embedded-figure performance in vision and touch. *Perceptual and Motor Skills*, 12:283-288, 1961.
- AXELROD, S., and EISDORFER, C.: Attitudes toward old people: An empirical analysis of the stimulus-group validity of the Tuckman-Lourge questionnaire. *Journal of Gerontology*, 16:75-80, 1961. (Also acknowledges MH-900).
- AXELROD, S., and EISDORFER, C.: Senescence and figural after-effects in two modalities. *Journal of*

- Genetic Psychology*, 100:85-91, 1962. (Also acknowledges MH-900).
- AXELROD, S., and THOMPSON, L. W.: On visual changes of reversible figures and auditory changes in meaning. *American Journal of Psychology*, 75 (4):673-674, 1962. (Also acknowledges MH-900).
- BERRY, ROGER J., KNISELY, WILLIAM H., and GRUNT, JEROME A.: Approximation of "total vascular space" in seminal vesicles of rats, and changes in its distribution in response to castration and androgen. *Angiology*, 10(5):372-374, 1959.
- BOGDONOFF, MORTON D., and ESTES, E. HARVEY, JR.: Energy dynamics and acute states of arousal in man. *Psychosomatic Medicine*, 23(1):23-32, 1961.
- BOGDONOFF, M. D., ESTES, E. H., HARLAN, W. R., TROUT, D. L., and KIRSHNER, N.: Metabolic and cardiovascular changes during a state of acute central nervous system arousal. *Journal of Clinical Endocrinology and Metabolism*, 20:1333-1340, 1960.
- BOGDONOFF, M. D., ESTES, E. H., and TROUT, D.: Acute effects of psychologic stimuli upon plasma non-esterified fatty acid level. *Proceedings of the Society for Experimental Biology and Medicine*, 100:503-504, 1959.
- BOGDONOFF, M. D., ESTES, E. H., and WEISSLER, A. M.: Studies on fat mobilization during acute states of arousal. *Southern Medical Journal*, 53: 680-683, 1960.
- BOGDONOFF, M. D., LINHART, J. W., KLEIN, R. J., and ESTES, E. H.: The specific structure of compounds effecting fat mobilization in man. *Journal of Clinical Investigation*, 40:1993-1996, 1961.
- BOGDONOFF, M. D., and NICHOLS, C. R.: Perspectives of chronic illness. *Journal of the American Medical Association*, 174:1936-1938, 1960.
- BOGDONOFF, M. D., WEISSLER, A. M., and MERRITER, F. L.: The effect of autonomic ganglionic blockade upon serum free fatty acid levels in man. *Journal of Clinical Investigation*, 39:959-965, 1960.
- BORTZ, EDWARD L., BUSSE, E. W., WALD, ROBERTS, DEAN W., and SHANDS, ALFRED R., JR.: Growing older. The medical, mental, and social problems of the aged. *Delaware Medical Journal*, 32 (5):197-210, 1960.
- BUSSE, E. W.: Psychopathology. In: Birren, James E., ed. *Aging and the individual*. Chicago, University of Chicago Press, 1959, p. 364-399.
- BUSSE, E. W.: How to treat a hypochondriac. *Journal of Lifetime Living*, 24:52-54, 1959.
- BUSSE, E. W.: What is a realistic attitude in regard to research in aging. In: Proceedings of the 1st International Conference of the Joint Council to Improve the Health Care of the Aged Washington, D.C., June, 1959, p. 36-40. (Also acknowledges MH-900).
- BUSSE, E. W.: On or off your rocker. *Southern Medical Journal*, 52:1575-1582, 1959.
- BUSSE, E. W.: Aging and personal relations. In: Shock, Nathan, ed. *Aging, some social and biological aspects*. Baltimore, Md., Horn-Shafer, 1960, p. 225-234. (Also acknowledges MH-900).
- BUSSE, E. W.: Clinical principles underlying administrative practices. *Mental Hospitals*, 11(2):17-19, 1960. (Also acknowledges MH-900).
- BUSSE, E. W.: The health and adjustment of the aged person. *North Carolina Medical Journal*, 21:504-508, 1960. (Also acknowledges MH-900).
- BUSSE, E. W.: Mental disorders of the aging. In: Johnson, W. M., ed. *The older patient*. New York, Paul B. Hoeber, 1960, p. 513-542. (Also acknowledges MH-900).
- BUSSE, E. W.: Current research on aging. *Public Health Reports*, 75:1119-1120, 1960. (Also acknowledges MH-900).
- BUSSE, E. W.: How to handle the elderly hypochondriac. *Medical Economics*, 38:104-108, 1961. (Also acknowledges MH-900).
- BUSSE, E. W.: Psychoneurotic reactions and defense mechanisms in the aged. In: Hocks, Paul, and Zubin, Joseph, eds. *Psychopathology of aging*. New York, Grune & Stratton, 1961, p. 274-284. (Also acknowledges MH-900).
- BUSSE, E. W.: Spotlight on research. *Rehabilitation Record*, 2(2):31-35, 1961. (Also acknowledges MH-900).
- BUSSE, E. W.: Some emotional complications of chronic disease. *Gerontologist*, 2:153-156, 1962. (Also acknowledges MH-900).
- BUSSE, E. W.: Findings from the Duke Geriatrics Research Project on the effects of aging upon the nervous system. In: Blumenthal, H. T., ed. *Medical and clinical aspects of aging*. New York, Columbia University Press, 1962, p. 115-124. Also in: Tibbits, Clark, and Donahue, Wilma, eds. *Social and psychological aspects of aging*. New York, Columbia University Press, 1962, p. 678-690. (Also acknowledges MH-900).
- BUSSE, E. W.: Identifying and meeting the emotional needs of the geriatric patient. In: Proceedings, Workshop on improved care to ambulatory geriatric patients. Williamsburg, Virginia, November 1962, p. 9-18. (Also acknowledges MH-900).
- BUSSE, E. W., and DOVENMUEHLE, R. H.: Neurotic symptoms and predisposition in aging people.

- Journal of the American Geriatric Society*, 8:328-336, 1960. (Also acknowledges MH-900).
- BUSSE, E. W., DOVENMUEHLE, R. H., and BROWN, R. G.: Psychoneurotic reactions of the aged. *Geriatrics*, 15:97-105, 1960. (Also acknowledges MH-900).
- BUSSE, E. W., FLEIDER, D. E., and BORTZ, E., eds.: Background paper on research in gerontology: Medical. Washington, D.C., U.S. Government Printing Office, 1960, 139 p. (Also acknowledges MH-900).
- BUSSE, E. W., JEFFERS, F. C., and OBRIST, W. D.: Factors in age awareness. In: *Proceedings of the 4th International Congress of Gerontology*, 3:349-357, 1957. (Also acknowledges MH-900).
- BUSSE, E. W., and RECKLESS, J. B.: Psychiatric management of the aged. *Journal of the American Medical Association*, 175:645-648, 1961. (Also acknowledges MH-900).
- COHEN, ALLAN I., SUMNER, ROBERT G., WHALEN, ROBERT E., BROWN, IVAN, and MCINTOSH, HENRY D.: Closed-chest cardiac massage. *Archives of Internal Medicine*, 110:57-62, 1962.
- DAVIDSON, E. A.: Periodate technique for the identification of sugar phosphates. *Nature*, 184:1395-1396, 1959.
- DAVIDSON, E. A.: Hexokinase from *aspergillus parasiticus*. *Journal of Biological Chemistry*, 235:23-25, 1960.
- DAVIDSON, E., and RILEY, J.: Chondroitin sulfate b. metabolism. *Biochimica et Biophysica Acta*, 42: 566-567, 1960.
- DEATON, H. L., ANLYAN, W. G., SILVER, DONALD, and FORT, LYNN: Factors influencing the prevention and treatment of thrombosis. *Surgical Forum*, 11:180-181, 1961.
- DOVENMUEHLE, R. H.: Health and aging. *Journal of Health and Human Behavior*, 1:273-277, 1960. (Also acknowledges MH-900).
- DOVENMUEHLE, R. H.: Aging vs. illness. In: *Proceedings of the 2nd National Conference of the Joint Council to Improve the Health Care of the Aged*. Chicago, 1961, p. 37-48. (Also acknowledges MH-900).
- DOVENMUEHLE, R. H.: Mental health in the aged. In: *Action for the aging. Proceedings of a Conference at the University of North Dakota*, September 4-7, 1962; p. 37-43.
- DOVENMUEHLE, R. H.: Geriatric psychiatry. *Law and Contemporary Problems*, 27:133-141, 1962.
- DOVENMUEHLE, R. H.: Hospitalization of the elderly psychiatrically ill. In: Williams, R. H., Tibbitts, C., and Donahue, W., eds. *Processes of aging*. New York, Prentice-Hall, 1963, p. 247-268. (Also acknowledges MH-900).
- DOVENMUEHLE, R. H., BUSSE, E. W., and NEWMAN, E. G.: Physical problems of older people. *Journal of the American Gerontology Society*, 9: 208-217, 1961. (Also acknowledges MH-900).
- DOVENMUEHLE, R. H., BUSSE, E. W., and NEWMAN, E. G.: Psychiatric problems of the non-institutionalized elderly: Some observations on methodological approach. In: *Transactions of 7th Annual Conference, VA Cooperative Chemotherapy Studies in Psychiatry and Broad Research Approaches to Mental Illness*, Cincinnati, Ohio, March 26-28, 1962. (Also acknowledges MH-900).
- DOVENMUEHLE, R. H., NEWMAN, E. G., and BUSSE, E. W.: Physical problems of psychiatrically hospitalized elderly persons. *Journal of the American Geriatrics Society*, 8:838-846, 1960. (Also acknowledges MH-900).
- DOVENMUEHLE, R. H., RECKLESS, J. B., and NEWMAN, E. G.: Depressive reactions in the elderly. In: Blumenthal, H. T., ed. *Medical and clinical aspects of aging*. New York, Columbia University Press, 1962, p. 63. (Also acknowledges MH-900).
- DOVENMUEHLE, R. H., and VERWOERDT, A.: Physical illness and depressive symptomatology: Incidence of depressive symptoms in hospitalized cardiac patients. *Journal of the American Geriatrics Society*, 10:932-947, 1962. (Also acknowledges MH-900).
- DOVENMUEHLE, R. H., and VERWOERDT, A.: Physical illness and depressive symptomatology: Factors of length and severity of illness and frequency of hospitalization. *Journal of Gerontology*, 18:260-266, 1963. (Also acknowledges MH-900).
- EISDORFER, C.: Audition in the aged. In: Busse, E. W., Fleider, D. K., and Bortz, E., eds. *Background paper on research in gerontology: Medical*. (White House Conference on Aging Disorders). Washington, D.C., U.S. Government Printing Office, 1960, p. 102-109.
- EISDORFER, C.: Rorschach rigidity and sensory decrement in a senescent population. *Journal of Gerontology*, 15:188-190, 1960. (Also acknowledges MH-900).
- EISDORFER, C.: Developmental level and sensory impairment in the aged. *Journal of Projective Techniques*, 24:129-132, 1960. (Also acknowledges MH-900).
- EISDORFER, C.: Changes in cognitive functioning in relation to intellectual level in senescence. In: Tibbitts, C., and Donahue, W., eds. *Social and psychological aspects of aging*. New York, Columbia University Press, 1962, p. 888-896. (Also acknowledges MH-900).
- EISDORFER, CARL: The WAIS performance of the aged: A retest evaluation. *Journal of Gerontology*, 18(2):160-172, 1963.

- EISDORFER, CARL: Rorschach performance and intellectual functioning in the aged. *Journal of Gerontology*, 18(4):358-363, 1963.
- EISDORFER, CARL: Verbal learning and response time in the aged. *Journal of Genetic Psychology*, 107: 15-22, 1965. (Also acknowledges MH-900).
- EISDORFER, C., and ALTROCCHI, J.: A comparison of attitudes toward old age and mental illness. *Journal of Gerontology*, 16:340-343, 1961. (Also acknowledges MH-900 and MH-1599).
- EISDORFER, CARL, and AXELROD, SEYMOUR: Senescence and figural aftereffects in two modalities: A correction. *Journal of Genetic Psychology*, 104: 193-197, 1964. (Also acknowledges MH-900).
- EISDORFER, CARL, AXELROD, SEYMOUR, and WILKIE, FRANCES L.: Stimulus exposure time as a factor in serial learning in an aged sample. *Journal of Abnormal and Social Psychology*, 67(6):594-600, 1963.
- EISDORFER, C., and COHEN, L. D.: The generality of WAIS standardization for the aged: A regional comparison. *Journal of Abnormal and Sociological Psychology*, 62:520-527, 1961. (Also acknowledges MH-900).
- EISDORFER, CARL, POWELL, ALBERT H., SILVERMAN, GILBERT, and BOGDONOFF, MORTON D.: The characteristics of lipid mobilization and peripheral disposition in aged individuals. *Journal of Gerontology*, 20(4):511-514, 1965.
- FORTNEY, S., NASSER, P., and LYNN, W. S.: Effects of epinephrine on oxidative phosphorylation in rat liver mitochondria. *Clinical Research*, 9 (1):27, 1961.
- FRESE, J., LESAGE, A., YOUNG, W., and SEALY, W.: The effect of core induced hypothermia of 25 and 7 degrees C. on dogs with myocardial infarctions. Transactions of the American Society for Artificial Internal Organs, 1960.
- FRIEDBERG, S. J., KLEIN, R. F., TROUT, D. L., BOGDONOFF, M. D., and ESTES, E. H., JR.: The incorporation of plasma free fatty acids into plasma triglycerides in man. *Journal of Clinical Investigation*, 40(1):1846-1855, 1961.
- GRUNT, JEROME, BERRY, ROGER J., and KNISELY, WILLIAM H.: Effects of castration and/or hormonal therapy upon the hematocrit in aged male rats. *Journal of Gerontology*, 13(4):359-361, 1958.
- GRUNT, J., and KNISELY, W. H.: Strain differences and the development of fatty liver in the aged rat. *Journal of Gerontology*, 15(2):134-135, 1960.
- HANDLER, P.: Radiation and aging. In: Shock, Nathan W., ed. *Aging*. Washington, American Association for the Advancement of Science, 1960, p. 199-223.
- HENRY, C. E., and OBRIST, W. D.: The effect of meprobamate on the electroencephalogram. *Journal of Nervous and Mental Disease*, 126:268-271, 1958.
- HEYMAN, D. K., and JEFFERS, F. C.: Effect of time lapse on consistency of self-health and medical evaluations of elderly persons. *Journal of Gerontology*, 18:160-164, 1963. (Also acknowledges MH-900).
- HEYMAN, D. K., and JEFFERS, F. C.: Study of the relative influences of race and socio-economic status upon the activities and attitudes of a southern aged population. *Journal of Gerontology*, 19: 225-229, 1964. (Also acknowledges MH-900).
- JEFFERS, FRANCIS C., ed.: Duke University council on gerontology. Proceedings of seminar 1958-1959. Durham, North Carolina, Duke University, 1959, 88 p. (Also acknowledges MH-900).
- JEFFERS, F. C.: Interdisciplinary research on aging: Participation of the social worker. *Geriatrics*, 17: 246-250, 1962. (Also acknowledges MH-900).
- JEFFERS, F. C., EISDORFER, C., and BUSSE, E. W.: Measurement of age identification: A methodologic note. *Journal of Gerontology*, 17:437-439, 1962. (Also acknowledges MH-900).
- JEFFERS, F. C., and NICHOLS, C. R.: The relationship of activities and attitudes to physical well-being in older people. *Journal of Gerontology*, 16:67-70, 1961. (Also acknowledges MH-900).
- JEFFERS, F. C., NICHOLS, C. R., and EISDORFER, C.: Attitudes of older persons toward death: A preliminary study. *Journal of Gerontology*, 16:53-56, 1961. (Also acknowledges MH-900).
- JEFFERS, F. C., NICHOLS, C. R., and EISDORFER, C.: Attitudes of older persons toward death. In: Tibbits, Clark, and Donahue, Wilma, eds. *Social and psychological aspects of aging*. New York, University of Columbia Press, 1962, p. 709-715. (Also acknowledges MH-900).
- IRA, G. H., WHALEN, R. E., and BOGDONOFF, M. D.: Heart rate changes in physicians during daily "stressful" tasks. *Journal of Psychosomatic Research*, 7:147-150, 1963.
- JACKSON, J. R., WOODHALL, B., BAYLIN, G., KRUEGER, R., and SANDERS, A. P.: Concomitant radioisotopic and radiographic cerebral arteriography: Preliminary observations. *Journal of Nuclear Medicine*, 3:100-109, 1962.
- JACOBSON, B.: Biosynthesis of uronic acids by skin enzymes. (Abstract) *Federation Proceedings*, 20: 162, 1961.
- JACOBSON, B., and DAVIDSON, E. A.: Chemical oxidation of uridine diphosphate-glucose to uridine diphosphate-glucuronic acid. *Nature*, 189:663, 1961.

- KLEIN, R. F., and BOGDANOFF, M. D.: Effect of phentolamine (Regitine) on human plasma FFA in vivo. *Proceedings of the Society for Experimental Biology and Medicine*, 103:544-546, 1960.
- KLEIN, R. F., ESTES, E. H., JR., and BOGDANOFF, M. D.: The effect of norepinephrine on plasma free fatty acids level in man. *Journal of Applied Physiology*, 16:342-344, 1961.
- KOWAL, K. A., KEMP, D. E., LAKIN, M., and WILSON, S.: Perception of the helping relationship as a function of age. *Journal of Gerontology*, 19:405-413, 1964.
- LAKIN, M., and EISDORFER, C.: Affective expression among the aged. *Journal of Projective Techniques*, 24:403-408, 1960. Also in: Tibbitts, C., and Donahue, W., eds. *Social and psychological aspects of aging*. New York, Columbia University Press, 1962, p. 650-654. (Also acknowledges MH-900).
- LAKIN, MARTIN, and WILSON, STUART: Retirement concerns in group discussions with retiring and middle-aged workers. *Psychological Reports*, 9:359-360, 1961.
- LASZLO, JOHN, HARLAN, WILLIAM R., KLEIN, ROBERT F., KERSHNER, NORMAN, and ESTES, E. H., JR.: The effect of 2-deoxy-D-glucose infusions on lipid and carbohydrate metabolism in man. *Journal of Clinical Investigation*, 40:171-176, 1961.
- LEE, JAMES M., LESAGE, A. M., SEALY, WILL C., and YOUNG, W. GLENN, JR.: Differential perfusion hypothermia: Its use in selective bone marrow protection during the administration of nitrogen mustard. *Journal of the American Medical Association*, 179:435-436, 1962.
- LESAGE, ALAN M., FREESE, JOHN W., SEALY, W. C., and YOUNG, W. GLENN, JR.: Study of the effects of complete circulatory arrest in the profoundly hypothermic dog. *Surgical Forum*, 11:188-189, 1960.
- LESAGE, ALAN M., SEALY, WILL C., BROWN, IVAN W., JR., and YOUNG, W. GLENN, JR.: Hypothermia and extracorporeal circulation: Experimental studies of profound hypothermia of 10 degrees C. to 20 degrees C. *A. M. A. Archives of Surgery*, 79:607, 1959.
- LYNN, W. S., EARNHARDT, E., and BROWN, R.: Further observations demonstrating that insulin, as well as epinephrine, increase hexokinase activity in adipose tissue in vitro. In: *Proceedings of the First International Pharmacological Meeting*, Stockholm, August, 1961.
- LYNN, W., and PERRYMAN, N.: Purification and properties of adipose tissue, lipase. *Journal of Biological Chemistry*, 235:1912-1916, 1960.
- LYNN, W. S., and STRAUB, K. D.: The effect of insulin pyruvate on the rate of diffusion of Na<sup>22</sup> through adipose tissue. *Clinical Research*, 9:53, 1961.
- MCCARTY, K. S.: Selective utilization of amino acids by mammalian cell cultures. *Experimental Cell Research*, 27:230-240, 1962.
- MCCARTY, K. S., and GRAFF, S.: Some aspects of nitrogen metabolism of continuous metazoan cell culture. *Experimental Cell Research*, 16:518-526, 1959.
- MCINTOSH, HENRY D., GLEASON, WILLIAM L., MILLER, D. EDMOND, and BACOS, JAMES M.: A major pitfall in the interpretation of "central blood volume." *Circulation Research*, 9:1223-1228, 1961.
- MCINTOSH, HENRY D., MILLER, D. EDMOND, GLEASON, WILLIAM L., and GOLDNER, J. LEONARD: The circulatory dynamics of polycystic fibrous dysplasia. *American Journal of Medicine*, 32(3):393-403, 1962.
- MCINTOSH, HENRY D., SEALY, WILL C., WHALEN, ROBERT E., COHEN, ALLAN I., and SUMNER, ROBERT G.: Obstruction to outflow tract of left ventricle. *Archives of Internal Medicine*, 110:312-322, 1962.
- MCINTOSH, HENRY D., WHALEN, ROBERT E., HERNANDEZ, RAFAEL R., MORRIS, JAMES J., and MILLER, D. EDMOND: A potential hazard of the transeptal left atrial catheterization technic. *American Journal of Cardiology*, 8:835-837, 1961.
- MADDOX, GEORGE L.: A longitudinal multidisciplinary study of human aging: Selected methodological issues. In: *Proceedings of the Social Statistics Section of the American Statistical Association*, 1962, p. 280-284. (Also acknowledges MH-900).
- MAHALEY, M. S., JR., HUNEYCUTT, H., BOONE, S., and WOODHALL, B.: Localization of methyl-bis (2-chloroethyl-1,2-C<sup>14</sup>) amine hydrochloride in nervous tissue after intravenous injection or regional cerebral perfusion in dogs. In: *Cancer chemotherapy reports*. Washington, D.C., Cancer Chemotherapy National Service Center, U.S. Department of Health, Education and Welfare, Public Health Service, 1961, p. 29-32.
- MAHALEY, M. S., MAHALEY, J., and WOODHALL, B.: Bioassay of plasma levels of A-139 and mannitol mustard for use in determining blood levels during regional brain cancer perfusions. In: *Cancer chemotherapy reports*. Washington, D.C., Cancer Chemotherapy National Service Center, U.S. Department of Health, Education and Welfare, Public Health Service, 1961, p. 33-40.
- MAHALEY, M. S., JR., WEAVER, W. T., WOODHALL, BARNES, and ANLYAN, WILLIAM G.: Treatment of experimental carotid emboli by regional extracorporeal perfusion with fibrinolysin. *Surgical Forum*, 12:392-393, 1961.

- MALAWISTA, I., and DAVIDSON, E. A.: Isolation and identification of rhamnose from rabbit skin. *Nature*, 192(4805):871-872, 1961.
- MARGOLIS, GEORGE: Senile cerebral disease. *Laboratory Investigation*, 8(2):335-370, 1959.
- MILLER, D. EDMOND, GLEASON, WILLIAM L., and MCINTOSH, HENRY D.: A comparison of the cardiac output determination by the direct flick method and the dye-dilution method using indocyanine green dye and a cuvette densitometer. *Journal of Laboratory and Clinical Medicine*, 59(2):345-350, 1962.
- MILLER, D. EDMOND, GLEASON, WILLIAM L., WHALEN, ROBERT E., MORRIS, JAMES J., and MCINTOSH, HENRY D.: Effect of ventricular rate on the cardiac output in the dog with chronic heart block. *Circulation Research*, 10:658-663, 1962.
- NEWMAN, E. G.: Research in geriatric psychiatry. In: Busse, E. W., Fleider, E. D., and Bortz, E., eds. *Background paper on research in gerontology (White House Conference on Aging)*. Washington, D.C., Government Printing Office, 1960, p. 85-101.
- NEWMAN, E. G., DOVENMUEHLE, R. H., and BUSSE, E. W.: Alterations in neurologic status with age. *Journal of the American Gerontology Society*, 8:915-917, 1960. (Also acknowledges MH-900).
- NEWMAN, E. G., and NICHOLS, C. R.: Sexual activities and attitudes in older persons. *Journal of the American Medical Association*, 173:33-35, 1960. (Also acknowledges MH-900).
- NICHOLS, CLAUDE R., and BOGDONOFF, M. D.: Programming the care of the chronically ill. *New England Journal of Medicine*, 266:867-870, 1962.
- NICHOLS, C. R., and BUSSE, E. W.: Some aspects of mental health and illness in the aged. *North Carolina Medical Journal*, 19:352-354, 1958. (Also acknowledges MH-900).
- OBRIST, W. D., BUSSE, E. W., EISDORFER, C., and KLEMEIER, R. W.: Relation of the EEG to intellectual function in senescence. *Journal of Gerontology*, 17(2):197-206, 1962.
- OBRIST, W. D., HENRY, C. E., and JUSTISS, W. A.: Longitudinal study of EEG in old age. In: *Proceedings of the 5th International Congress of EEG and Clinical Neurophysiology*, Rome, 1961. Excerpta Medica, International Congress Series No. 37, Item No. 168.
- ODOM, G. L., TINDALL, G. T., and DUKES, H. T.: Cerebellar hematoma caused by angiomatous malformation. Report of four cases. *Journal of Neurosurgery*, 28(6):772-782, 1961.
- OLANSKY, SIDNEY, TULLY, HARRY T., JR., and KNISELY, WILLIAM H.: Growth of heterologous human tumors from aging in hamster cheek pouches. *Journal of Investigative Dermatology*, 32(9):117-125, 1959.
- PERKINS, LOIS C., and KAISER, HELEN L.: Results of short term isotonic and isometric exercise programs in persons over sixty. *Physical Therapy Review*, 41(9):633-635, 1961.
- POWELL, A. H., JR., EISDORFER, C., and BOGDONOFF, M. D.: Physiologic response patterns observed in a learning task. *Archives of General Psychiatry*, 10:192-195, 1964.
- ROGERS, STANFIELD, and WOODHALL, BARNES: Rapid method of metabolically characterizing individual tumors. *Proceedings of the Society for Experimental Biology and Medicine*, 98:874-877, 1958.
- SCHAUBLE, J., ANLYAN, WILLIAM G., DEATON, HUGO L., DELAUGHTER, GEORGE D., BAYLIN, GEORGE J., and LYNN, JEANNE: A study of recurrent pulmonary embolism. *A. M. A. Archives of Surgery*, 80:105-111, 1960.
- SCHAUBLE, JAMES F., STICKEL, DELFORD, and ANLYAN, W. G.: Inferior vena caval ligation for thromboembolic disease. *Archives of Surgery*, 84:17-24, 1961.
- SEALY, WILL C., JOHNSON, PAUL A., LESAGE, ALAN M., and YOUNG, W. GLENN, JR.: Effects of quinidine on ventricular fibrillation in hypothermic dogs. *Proceedings of the Society for Experimental Biology and Medicine*, 101:456-457, 1959.
- SEALY, WILL C., LESAGE, ALAN M., and YOUNG, W. GLENN, JR.: Tolerance of the profoundly hypothermic dog to complete circulatory standstill. *Proceedings of the Society for Experimental Biology and Medicine*, 102:691, 1959.
- SEALY, WILL C., YOUNG, W. GLENN, JR., BROWN, IVAN W., SMITH, W. W., and LESAGE, A. M.: Profound hypothermia combined with extracorporeal circulation for open heart surgery. *Surgery*, 48:432-438, 1960.
- SEALY, WILL C., YOUNG, W. GLENN, JR., HOUGH, WILLIAM S., JR., and STEPHEN, C. RONALD: The use of steroids for the control and prevention of serious respiratory embarrassment during and after intrathoracic operations. *Journal of Thoracic and Cardiovascular Surgery*, 39(1):109-116, 1960.
- SHAW, D. S., NICHOLS, C. R., and BOGDONOFF, M. D.: Problems in comprehensive medicine: A distinction in approaches. *Journal of Medical Education*, 36:148-153, 1961.
- SHORT, M. J., HEIN, P., and WILSON, W. P.: Thyroid hormone and brain function. III. Influence of triiodothyronine on evoked potentials of the cortex and reticular formation and upon the interrelationship of caudate and reticular activity of the cat. *Electroencephalography and Clinical Neurophysiology*, 17:414-419, 1964.



- SILVER, DONALD, DEMARIA, WILLIAM, and ANILYAN, WILLIAM G.: Hemodynamic and humoral changes in dogs during the acute phase of transfusion reaction. *Surgery, Gynecology and Obstetrics*, 113: 705-710, 1961.
- SILVERMAN, A. J., COHEN, S. I., SHMAVONIAN, B. M.: Investigation of psychophysiological relationships with skin resistance measures. *Psychosomatic Research*, 4:65-87, 1959. (Also acknowledges MH-2061).
- SILVERMAN, M., PARKER, J. B., and BUSSE, E. W.: A review of drugs in the elderly psychiatric patient. *North Carolina Medical Journal*, 20:428-432, 1959. (Also acknowledges MH-900).
- STEPHEN, C. R., DENT, SARA J., SEALY, W. C., and HALL, J. D.: Anesthetic and metabolic factors associated with combined extracorporeal circulation and hypothermia. *American Journal of Cardiology*, 6:737-746, 1960.
- THOMPSON, L. W., AXELROD, S., and COHEN, L. D.: Senescence and visual identification of tactual-kinesthetic forms. *Journal of Gerontology*, 20(2): 244-249, 1965. (Also acknowledges MH-900).
- THOMPSON, LARRY W., and THOMPSON, VAIDA D.: Comparison of EEG changes in learning and over-learning of nonsense syllables. *Psychological Reports*, 16(2):339-344, 1965. (Also acknowledges MH-900).
- TROUT, D. L., ESTES, E. H., and FRIEDBERG, S. J.: Titration of free fatty acids of plasma, a study of current methods and a new modification. *Journal of Lipid Research*, 1(3):199-202, 1960.
- VERWOERDT, ADRIAAN, and DOVENMUEHLE, ROBERT H.: Physical illness and depressive symptomatology. IV. Personal factors in the grief reaction. *Journal of Gerontology*, 20(4):470-478, 1965. (Also acknowledges MH-900).
- WAITE, MOSLEY, and WAKIL, SALIH J.: Studies on the mechanism of fatty acid synthesis. XII. *Journal of Biological Chemistry*, 237:2750-2757, 1962.
- WAKIL, SALIH J.: The mechanism of fatty acid synthesis. *American Journal of Clinical Nutrition*, 8:630-644, 1960.
- WAKIL, SALIH J.: Biosynthesis of fatty acids. *Federation Proceedings*, 19:227, 1960.
- WILSON, S., and LAKIN, M.: A method of studying group interactions among middle-aged and retiring workers. *Journal of Gerontology*, 17:61-64, 1962.
- WOODHALL, B., HALL, K. M., MAHALEY, S., and JACKSON, J.: Chemotherapy of brain cancer: Experimental and clinical studies in localized hypothermic cerebral perfusion. *Annals of Surgery*, 150:640-652, 1959.
- WOODHALL, BARNES, SEALY, W. C., HALL, K. D., and FLOYD, WALTER L.: Craniotomy under conditions of quinidine-protected cardioplegia and profound hypothermia. *Annals of Surgery*, 153:37-44, 1960.
- YOUNG, W. GLENN, JR., SEALY, W. C., BROWN, IVAN W. JR., SMITH, W. W., CALLAWAY, HENRY A., JR., and HARRIS, JEROME S.: Metabolic and physiologic observations on patients undergoing extracorporeal circulation in conjunction with hypothermia. *Surgery*, 46:175-184, 1959.
- ROE, ANNE, and SIEGELMAN, MARVIN: The origin of interests. *APGA Inquiry Studies*, (1):1-98, 1964.
- MH-2110 (R03) LANGS, ROBERT J.: A pilot study of aspects of the earliest memory. Yeshiva University, New York, N.Y. (1957-58)
- LANGS, ROBERT J., ROTHENBERG, JACOB, FISHMAN, R., and REISER, MORTON F.: A method for clinical and theoretical study of the earliest memory. *Archives of General Psychiatry*, 3:523-534, 1960.
- MH-2114 (R03) TEITELBAUM, PHILIP: Technique for forced taste discrimination in the rat. Harvard University, Cambridge, Mass. (1957-58)
- KOH, S. D., and TEITELBAUM, P.: Absolute behavioral taste thresholds in the rat. *Journal of Comparative and Physiological Psychology*, 54:223-229, 1961.
- MH-2115 (R01) ROSEN, GEORGE: Studies in public health and the behavioral sciences. American Public Health Association, New York, N.Y. (1958-62)
- KNUTSON, A. L., and LAMBERT, W. E.: Progress report of the committee on social science in public health. *American Psychology*, 13:617-620, 1958.
- ROSEN, GEORGE, and WELLIN, EDWARD: A bookshelf on the social sciences and public health. *American Journal of Public Health*, 49(4):441-454, 1959.
- WELLIN, EDWARD: Social and cultural aspects of mental retardation. *Public Health News*, (New Jersey State Department of Health) 41:297-300, 1960.
- WELLIN, EDWARD: Culture, society and health. *Public Health Reports*, 76:838-841, 1961.
- WELLIN, EDWARD, and SEACAT, MILVOY: Social science in the health field—a review of research 1954-1959. *American Journal of Public Health*, 52(9):1465-1473, 1962.
- MH-2116 (R01) KAMIYA, JOE: Behavioral and physiological concomitants of dreaming. University of Chicago, Chicago, Ill. (1958-61) (Continued as MH-5069).

- DOMHOFF, B., and KAMIYA, J.: Problems in dream content study with objective indicators. *Archives of General Psychiatry*, 11:519-524, 1964.
- DOMHOFF, B., and KAMIYA, J.: Problems in dream content study with objective indicators. II. Appearance of experimental situation in laboratory dream narratives. *Archives of General Psychiatry*, 11:525-528, 1964.
- DOMHOFF, B., and KAMIYA, J.: Problems in dream content study with objective indicators. III. Changes in dream content throughout the night. *Archives of General Psychiatry*, 11:529-532, 1964.
- KAMIYA, JOE: Behavioral, subjective, and physiological aspects of drowsiness and sleep. In: Fiske, D. W., and Maddi, S. R., eds. *Functions of varied experience*. Homewood, Ill., Dorsey Press, 1961, p. 145-174. (Also acknowledges MH-5069).
- MH-2121 (R01) BUTLER, ALFRED J., MERTENS, MARJORIE S.: Self-attitudes, adjustment and learning in retardates. Laurelton State School and Hospital, Laurelton, Pa. (1958-61)
- BOLDUC, T. E.: Social value-need patterns in mental retardates. *Journal of Consulting Psychology*, 24: 472-479, 1960.
- BUTLER, A. J., and CONRAD, W. G.: Psychological correlates of abnormal electroencephalographic patterns in familial retardates. *Journal of Clinical Psychology*, 20:338-343, 1964.
- CULBERTSON, E., GUTHRIE, G. M., BUTLER, A. J., and GORLOW, L.: Patterns of hostility among the retarded. *American Journal of Mental Deficiency*, 66:421-427, 1961.
- GORLOW, L., BUTLER, A., EINIG, K. G., and SMITH, J. A.: An appraisal of self-attitudes and behavior following group psychotherapy with retarded young adults. *American Journal of Mental Deficiency*, 67:893-898, 1963.
- GORLOW, L., BUTLER, A., and GUTHRIE, G. M.: Correlates of self-attitudes in retardates. *American Journal of Mental Deficiency*, 67:549-555, 1963.
- GUTHRIE, G. M., BUTLER, A., and GORLOW, L.: Patterns of self-attitudes of retardates. *American Journal of Mental Deficiency*, 66:222-229, 1961.
- GUTHRIE, G. M., BUTLER, A., and GORLOW, L.: Personality differences between institutionalized and non-institutionalized retardates. *American Journal of Mental Deficiency*, 67:543-548, 1963.
- GUTHRIE, G. M., BUTLER, A., GORLOW, L., and WHITE, G. N.: Non-verbal expression of self-attitudes of retardates. *American Journal of Mental Deficiency*, 69:42-49, 1964.
- JACKSON, SUE K., and BUTLER, A.: Prediction of successful community placement of institutionalized retardates. *American Journal of Mental Deficiency*, 68:211-217, 1963.
- JACOBS, R., BUTLER, A., and GORLOW, L.: Measurement of attitudes to institutionalization. *American Journal of Mental Deficiency*, 65:766-771, 1961.
- KNISS, JANET T., BUTLER, A., GORLOW, L., and GUTHRIE, G. M.: Ideal self patterns of retardates. *American Journal of Mental Deficiency*, 67:245-249, 1962.
- RICHIE, JOAN, and BUTLER, ALFRED J.: Performance of retardates on the memory-for-designs test. *Journal of Clinical Psychology*, 20(1):108-110, 1964.
- MH-2123 (R01) PRONOVOST, WILBERT: Speech and vocalizations of autistic children. Parents School for Atypical Children, Chatham, Mass. (1960-64)
- PRONOVOST, WILBERT: The speech behavior and language comprehension of autistic children. *Journal of Chronic Diseases*, 13:228-233, 1961.
- MH-2124 (R01) OSGOOD, CHARLES E.: Interdisciplinary research seminar on aphasia. Social Science Research Council, New York, N.Y. (1958-59)
- OSGOOD, CHARLES E., and MIRON, MURRAY S., eds.: *Approaches to the study of aphasia*. Urbana, University of Illinois, 1963, 210 p.
- MH-2125 (R03) BIEBER, IRVING: Psychoanalytic research study in male homosexuality. Society of Medical Psychoanalysts, New York, N.Y. (1957-58)
- BIEBER, IRVING, DAIN, HARVEY J., DINCE, PAUL R., DREILICH, MARVIN G., GRAND, HENRY G., GUNDLACH, RALPH H., KREMER, MALVINA W., RIFKIN, ALFRED H., WILBUR, CORNELIA B., and BIEBER, TOBY B.: Homosexuality—a psychoanalytic study of male homosexuals. New York, Basic Books, 1962, 358 p.
- GUNDLACH, RALPH H.: A note on "Schachter—on being first born". *Contemporary Psychology*, 6: 110-111, 1961.
- GUNDLACH, RALPH H.: In opposition to Drs. Walker and Bergler on homosexuality. *Ladder*, 6:6-9, 1962.
- MH-2127 (R03) SPILMAN, EDRA L.: BADAL, DANIEL W.: Isolation of compounds in brain after electroshock. Western Reserve University, Cleveland, Ohio. (1957-58)
- SPILMAN, EDRA L., and BADAL, DANIEL W.: Effect of electroconvulsive therapy on brain amine oxidase. *A.M.A. Archives of General Psychiatry*, 2:545-547, 1960.

- MH-2130 (R03) SCHULMAN, SIDNEY: Behavioral effects of thalamic lesions in monkeys. University of Chicago, Chicago, Ill. (1957-58)
- SCHULMAN, SIDNEY: Impaired delayed response from thalamic lesions. Studies in monkeys. *Archives of Neurology*, 11:477-499, 1964. (Also acknowledges MH-2744).
- MH-2131 (R03) SCOTT, FRANCES G.: The aged in the three-generation family. University of Michigan, Ann Arbor, Mich. (1958-59)
- SCOTT, FRANCES G.: Family group structure and patterns of social interaction. *American Journal of Sociology*, 67:214-228, 1962.
- MH-2134 (R03) WERNER, HENRY, KNAPP, PETER H., LEVIN, SIDNEY, MCCARTER, ROBERT H., ZETZEL, ELIZABETH: Selection of patients for supervised psychoanalysis. Boston Psychoanalytic Society and Institute, Boston, Mass. (1957-59)
- KNAPP, PETER H., LEVIN, SIDNEY, MCCARTER, ROBERT H., WERNER, HENRY, and ZETZEL, ELIZABETH: Suitability for psychoanalysis: A review of one hundred supervised analytic cases. *Psychoanalytic Quarterly*, 29:459-477, 1960. (Also acknowledges MH-864).
- MH-2135 (R03) ABERLE, DAVID F.: Navaho peyotism in the context of culture change. University of Michigan, Ann Arbor, Mich. (1957-59)
- ABERLE, D. F.: The prophet dance and reactions to white contact. *Southwestern Journal of Anthropology*, 15:74-83, 1959. (Also acknowledges MH-463 and MH-513)
- MH-2136 (R01) LAZARUS, RICHARD S., SPEISMAN, JOSEPH C.: Antecedents and consequences of psychological stress. University of California, Berkeley, Calif. (1958- ) (Continued from MH-734).
- LAZARUS, R. S.: A program of research in psychological stress. In: Peatman, J. S., and Hartley, E., eds. *Festschrift for Gardner Murphy*. New York, Harper, 1960. (Also acknowledges MH-734).
- LAZARUS, R. S.: A substitutive-defensive conception of apperceptive fantasy. In: Kazan, J., and Lessor, G., eds. *Contemporary issues in thematic apperceptive methods*. Springfield, Ill., C. C. Thomas, 1961, p. 51-82. (Also acknowledges MH-734).
- LAZARUS, R. S.: The laboratory approach to the dynamics of psychological stress. *Administrative Science Quarterly*, 8(2):192-213, 1963. Also in: *American Psychologist*, 19(6):400-411, 1964. (Also acknowledges MH-734).
- LAZARUS, R. S., and ALFERT, E.: Short-circuiting of threat by experimentally altering cognitive appraisal. *Journal of Abnormal and Social Psychology*, 69:195-205, 1964.
- LAZARUS, R. S., and BAKER, R. W.: Psychology. *Progress in Neurology and Psychiatry*, 11:253-271, 1956. (Also acknowledges MH-734).
- LAZARUS, RICHARD S., OPTON, EDWARD M., JR., MARKELLOS S. NOMIKOS, and RANKIN, NEIL O.: The principle of short-circuiting of threat: Further evidence. *Journal of Personality*, 33(4):622-635, 1965.
- LAZARUS, R. S., and RIESS, W. F.: Clinical psychology and the research problems of stress and adaptation. In: Riess, W. F., and Brower, D., eds. *Progress in clinical psychology*. Vol. 4. New York, Grune & Stratton, 1960, p. 32-45. (Also acknowledges MH-734).
- LAZARUS, R. S., and SPEISMAN, J. C.: A research case-history dealing with psychological stress. *Journal of Psychological Studies*, 11:167-194, 1960. (Also acknowledges MH-734).
- LAZARUS, R. S., SPEISMAN, J. C., MORDKOFF, A. M., and DAVISON, L. A.: A laboratory study of psychological stress produced by a motion picture film. *Psychological Monographs*, 76(34):1-35, 1962. (Whole No. 553). (Also acknowledges MH-734).
- LAZARUS, R. S., SPEISMAN, J. C., and MORDKOFF, A. M.: The relationship between autonomic indicators of psychological stress: Heart rate and skin conductance. *Psychosomatic Medicine*, 25:19-30, 1963. (Also acknowledges MH-734).
- MALMSTROM, EDWARD J., OPTON, EDWARD, JR., and LAZARUS, RICHARD S.: Heart rate measurement and the correlation of indices of arousal. *Psychosomatic Medicine*, 27(6):546-556, 1965.
- MORDKOFF, ARNOLD M.: The relationship between psychological and physiological response to stress. *Psychosomatic Medicine*, 26:135-150, 1964. (Also acknowledges MH-734).
- MORDKOFF, ARNOLD M.: Some sex differences in personality correlates of "autonomic feedback." *Psychological Reports*, 18(2):511-518, 1966.
- OPTON, EDWARD, JR., RANKIN, NEIL O., and LAZARUS, RICHARD S.: A simplified method of heart rate measurement. *Psychophysiology*, 2(2):87-97, 1965.
- PODELL, HARRIETT A.: Note on successive dimensional analysis applied to affective cognitive, and personality traits. *Psychological Reports*, 13:813-814, 1963. (Also acknowledges MH-734).
- SPEISMAN, JOSEPH C., LAZARUS, RICHARD S., DAVISON, LES, and MORDKOFF, ARNOLD M.: Experimental analysis of a film used as a threatening stimulus. *Journal of Consulting Psychology*, 28:23-33, 1964. (Also acknowledges MH-734).
- SPEISMAN, JOSEPH C., LAZARUS, RICHARD S., MORDKOFF, ARNOLD, and DAVISON, LES: Experimental reduction of stress based on ego-defense theory.

- Journal of Abnormal and Social Psychology*, 68 (4):367-380, 1964.
- SPEISMAN, JOSEPH C., OSBORN, JANET, and LASARUS, R. S.: Cluster analysis of skin resistance and heart rate at rest and under stress. *Psychosomatic Medicine*, 23:323-342, 1961. (Also acknowledges MH-734).
- MH-2137 (R03) AARONS, LOUIS, and RIESEN, AUSTIN, H.: Binocular equivalence of intensity perception in cats. University of Chicago, Chicago, Ill. (1957-59)
- AARONS, LOUIS, HALASZ, HISAKO, K., and RIESEN, AUSTIN H.: Interocular transfer of visual intensity discrimination after ablation of striate cortex in dark-reared kittens. *Journal of Comparative and Physiological Psychology*, 56:196-199, 1963.
- MH-2140 (R01) DEWS, PETER B., and MORSE, WILLIAM H.: Teaching psychopharmacology to medical students. Harvard Medical School, Boston, Mass. (1957-58)
- DEWS, P. B., and MORSE, W. H.: A psychopharmacology exercise for medical students. *Journal of Medical Education*, 33:726-730, 1958.
- MH-2146 (R01) CARLSON, ERIC T.: The development of psychiatric thought in America. Cornell University, New York, N.Y. (1958-61)
- CARLSON, ERIC T.: Addenda to the early history of hypnotic anaesthesia. *Journal of the History of Medicine and Allied Sciences*, 15:81-83, 1960.
- CARLSON, ERIC T.: Charles Poyan brings mesmerism to America. *Journal of the History of Medicine and Allied Sciences*, 15:121-132, 1960.
- CARLSON, ERIC T., and CHALE, MAY F.: Dr. Rufus Wyman of the McLean Asylum. *American Journal of Psychiatry*, 116:1034-1037, 1960.
- CARLSON, ERIC T., and DAIN, NORMAN: The psychotherapy that was moral treatment. *American Journal of Psychiatry*, 117:519-524, 1960.
- CARLSON, ERIC T., and DAIN, NORMAN: The meaning of moral insanity. *Bulletin of the History of Medicine*, 36:130-140, 1962.
- CARLSON, ERIC T., and DAIN, NORMAN: Psychotherapy in the hospital (1740-1840). In: Masserman, Jules, ed. *Current psychiatric therapy*. Vol. 2. New York, Grune & Stratton, 1962.
- CARLSON, ERIC T., and MCFADDEN, R. B.: Dr. William Cullen on mania. *Journal of Psychiatry*, 117:463-465, 1960.
- CARLSON, ERIC T., and PETERS, LILIAN: Dr. Pliny Earle (1809-1892). *American Journal of Psychiatry*, 116:557-558, 1959.
- DAIN, NORMAN: Concepts of insanity in the United States, 1789-1865. New Brunswick, N.J., Rutgers University Press, 1964, 304 p.
- DAIN, NORMAN, and CARLSON, ERIC T.: Social class and psychological medicine in the United States, 1789-1824. *Bulletin of the History of Medicine*, 30:454-465, 1959.
- DAIN, NORMAN, and CARLSON, ERIC T.: Milieu therapy in the nineteenth century. *Journal of Nervous and Mental Disease*, 131:277-290, 1960.
- DAIN, NORMAN, and CARLSON, ERIC T.: Moral insanity in the United States, 1835-1866. *American Journal of Psychiatry*, 118:795-801, 1962.
- WOODS, EVELYN A., and CARLSON, ERIC T.: The psychiatry of Philippe Pinel. *Bulletin of the History of Medicine*, 35:14-25, 1961.
- MH-2147 (R01) GROSS, MARTIN, and HITCHMAN, IRENE L.: Termination of treatment with ataractic drugs. Springfield State Hospital, Sykesville, Md. (1958-60)
- GROSS, MARTIN: The impact of ataractic drugs on a mental hospital outpatient clinic. *American Journal of Psychiatry*, 117(5):444-447, 1960.
- GROSS, MARTIN, HITCHMAN, IRENE L., REEVES, WALTER P., LAWRENCE, JORDAN, and BACON, E. FAYE: The repetitive administration of two physiological tests during withdrawal from ataractic drugs. *Journal of Nervous and Mental Diseases*, 137(6):574-576, 1963. (Also acknowledges MH-3672).
- GROSS, MARTIN, HITCHMAN, IRENE L., REEVES, WALTER P., LAWRENCE, JORDAN, and NEWELL, PAULINE C.: Discontinuation of treatment with ataractic drugs—a preliminary report. *American Journal of Psychiatry*, 116(10):931-932, 1960.
- GROSS, MARTIN, HITCHMAN, IRENE L., REEVES, WALTER P., LAWRENCE, JORDAN, and NEWELL, PAULINE C.: Discontinuation of treatment with ataractic drugs. In: Wortis, Joseph, ed. *Recent advances in biological psychiatry*. Vol. 3. New York, Grune & Stratton, 1960, p. 44-63.
- GROSS, MARTIN, HITCHMAN, IRENE L., REEVES, WALTER P., LAWRENCE, JORDAN, NEWELL, PAULINE C., and CLYDE, DEAN J.: Objective evaluation of psychotic patients under drug therapy: A symptom and adjustment index. *Journal of Nervous and Mental Diseases*, 133(5):399-409, 1961. (Also acknowledges MH-3672).
- GROSS, MARTIN, and REEVES, WALTER P.: Mental patients in transition. In: Greenblatt, Milton, Levinson, Daniel J., and Klerman, Gerald L., eds. *Mental patients in transition: Steps in hospital-community rehabilitation*. Springfield, Ill., Thomas, 1961, p. 313-321.

- native medicine in two Mexican villages. *Southwestern Journal of Anthropology*, 15:355-360, 1959.
- RILEY, CARROLL L., and HOBGOOD, JOHN: A recent nativistic movement among the southern Tepehuan Indians. *Southwestern Journal of Anthropology*, 15:355-360, 1959.
- MH-2151 (R01) WITTKOWER, E. D., and KALZ, FREDERICK: Psychopharmacology of psychosomatic skin disorders. McGill University, Montreal, Can. (1958-60)
- LESTER, E. P., WITTKOWER, E. D., KALZ, F., and AZIMA, H.: Phrenotropic drugs in psychosomatic disorders (skin). *American Journal of Psychiatry*, 119:136-143, 1962.
- MH-2152 (R01) KURLAND, ALBERT A., and HANLON, THOMAS E.: Comparative phenothiazine study on acute admissions. Spring Grove State Hospital, Catonsville, Md. (1958-63)
- HANLON, T. E.: Use of a demographic index score as a control measure in psychiatric drug research. *Psychological Reports*, 10:465-466, 1962.
- HANLON, T. E., WIENER, G., and KURLAND, A. A.: The psychiatric physician and the phenothiazine tranquilizers. *Journal of Nervous and Mental Disease*, 130:67-71, 1960.
- KURLAND, A. A., HANLON, T. E., and TATOM, MARY H.: A comparative study of six phenothiazine compounds. In: Transactions of the Fifth Research Conference on Cooperative Studies in Psychiatry and Research Approaches to Mental Illness. Washington, D.C., Veterans Administration Department of Medicine and Surgery, 1960.
- KURLAND, A. A., HANLON, T. E., TATOM, MARY H., OTA, KAY Y., and SIMOPOULOS, A. M.: The comparative effectiveness of six phenothiazine compounds, phenobarbital and inert placebo in the treatment of acutely ill patients: Global measures of severity of illness. *Journal of Nervous and Mental Diseases*, 133(1):1-18, 1961.
- KURLAND, A. A., HANLON, T. E., TATOM, MARY H., and SIMOPOULOS, A. M.: Comparative studies of the phenothiazine tranquilizers: Methodological and logistical considerations. *Journal of Nervous and Mental Diseases*, 132:61-74, 1961.
- KURLAND, A. A., MICHAUX, MARY H., HANLON, T. E., OTA, KAY Y., and SIMOPOULOS, A. M.: The comparative effectiveness of six phenothiazine compounds, phenobarbital and inert placebo in the treatment of acutely ill patients: Personality dimensions. *Journal of Nervous and Mental Diseases*, 134(1):48-61, 1962.
- KURLAND, A. A., and NILSSON, GERTRUDE L.: The general practicing physician and the state psychi-
- KURLAND, A. A., NILSSON, GERTRUDE L., and HANLON, T. E.: Pre-admission drug treatment of state psychiatric hospital patients. *American Journal of Psychiatry*, 115(11):1028-1029, 1959.
- KURLAND, A. A., and SUTHERLAND, G. F.: The phenothiazine tranquilizers—their neurological complications and significance. *Psychosomatics*, 1:192-194, 1960.
- MEDINA, C., KRAMER, M. D., and KURLAND, A. A.: Biperiden in the treatment of phenothiazine-induced extrapyramidal reactions. *Journal of the American Medical Association*, 182:1127-1129, 1962.
- MICHAUX, MARY H., COHEN, M. J., and KURLAND, A. A.: Closed circuit television in the scientific measurement of psychopathology. *Medical and Biological Illustration*, 8(1):49-57, 1963.
- MICHAUX, MARY H., and KURLAND, A. A.: Combined psychotropic drug therapy. *Disorders of the Nervous System*, 24:739-741, 1963.
- NILSSON, GERTRUDE L., and KURLAND, A. A.: The general practicing physician as a resource for the mentally ill. *Mental Hygiene*, 44(1):103-104, 1960.
- NILSSON, GERTRUDE L., and KURLAND, A. A.: The new generation of ex-patients. *Mental Hygiene*, 45(3):343-353, 1961.
- NILSSON, GERTRUDE L., WIENER, G., and KURLAND, A. A.: The general practicing physician and the phenothiazine tranquilizers. *Maryland State Medical Journal*, 11:130-134, 1962.
- SCHWAB, JOHN J., and CLEMMONS, ROY S.: Psychiatric consultations. *Archives of General Psychiatry*, 14(5):504-508, 1966.
- SCHWAB, JOHN J., CLEMMONS, ROY S., VALDER, M. J., and RAULERSON, J. D.: Medical patient's reactions to referring physicians after psychiatric consultations. *Journal of the American Medical Association*, 195(13):1120-1122, 1966.
- SHAFFER, J. W.: A new acquiescence scale for the MMPI. *Journal of Clinical Psychology*, 19(4):412-415, 1963.
- SHAFFER, J. W., OTA, K. Y., and HANLON, T. E.: The comparative validity of several MMPI indices of severity of psychopathology. *Journal of Clinical Psychology*, 20:467-473, 1964.
- MH-2159 (R01) BURGESS, ERNEST W.: A comparative study of divorced and married couples. University of Chicago, Chicago, Ill. (1957-63)
- PINEO, PETER C.: Disenchantment in the later years of marriage. *Marriage and Family Living*, 23:3-11, 1961.

- MH-2163 (R01) GRUMAN, GERALD J.: History of prolongevity hypothesis. American College of Neuropsychopharmacology, Cambridge, Mass. (1957-58) (Continued as MH-2686).
- GRUMAN, GERALD J.: C. A. Stephens: a pioneer of American gerontology. *Geriatrics*, 14:332-336, 1959.
- MH-2165 (R01) ADELSON, DANIEL: A study of ataraxic drugs with schizophrenic patients. California State Department of Mental Hygiene, Sacramento, Calif. (1958-63)
- ADELSON, DANIEL: Are nurses needed in psychopharmacological research? *American Journal of Nursing*, 60:1278, 1960.
- ADELSON, DANIEL: Approaches to rating the mute patient. *Journal of Clinical Psychology*, 17(4):348-351, 1961.
- ADELSON, D.: Social factors in the placement of the chronic schizophrenic patient. *American Journal of Psychiatry*, 121:61-64, 1964.
- ADELSON, DANIEL: Research in community psychiatry. In: Bellak, Leopold, ed. *Handbook of community psychiatry and community mental health*. New York, Grune & Stratton, 1964, p. 431-457.
- ADELSON, DANIEL, and EPSTEIN, LEON J.: A study of phenothiazines with male and female chronically ill schizophrenic patients. *Journal of Nervous and Mental Disease*, 134(6):543-554, 1962.
- ADELSON, DANIEL, and TURNER, ANN: A note on the relation of somatotype to outcome after phenothiazine therapy in chronic schizophrenic patients. *Journal of Nervous and Mental Disease*, 137(3):242-245, 1963.
- DEWS, P. B.: The effect of multiple  $S^A$  periods on responding on a fixed-interval schedule. *Journal of the Experimental Analysis of Behavior*, 5:369-374, 1962. (Also acknowledges MH-2094).
- MH-2166 (R03) CHERNIN, MILTON, and DE VOS, GEORGE A.: Nature of guilt engendered in the Japanese family. University of California, Berkeley, Calif. (1957-58)
- DE VOS, GEORGE: The relation of guilt toward parents to achievement and arranged marriage among the Japanese. *Psychiatry*, 23(3):287-301, 1960.
- MH-2170 (R01) BINDER, ARNOLD: Factors influencing responses to ambiguous stimuli. Indiana University, Bloomington, Ind. (1958-65)
- BINDER, A.: Investigation of observing responses in recognition. (Abstract) *American Psychologist*, 13:424, 1958.
- BINDER, A.: Supplementary report: Recognition relative learning. *Journal of Experimental Psychology*, 61:263-264, 1961.
- BINDER, A.: Effects of altered frequencies upon recognition responses. *Journal of Experimental Psychology*, 66:553-559, 1963.
- BINDER, ARNOLD: The Rorschach test: A preceptual bias. *Perceptual and Motor Skills*, 18:225-226, 1964.
- BINDER, ARNOLD: Process of component and pattern learning. *Psychonomic Science*, 4(12):415-416, 1966.
- BINDER, A., and FELDMAN, S.: The effects of experimentally controlled experience upon recognition responses. *Psychological Monographs*, 74(9):1-43, 1960. (Whole No. 496). (Also acknowledges MH-1259).
- BINDER, ARNOLD, WOLIN, BURTON R., WEICHEL, ROSEMARIE, and TEREbinski, STANLEY J.: Uncertainty and stage of decision. *American Journal of Psychology*, 79(1):89-96, 1966.
- FELDMAN, S. E.: Probabilistic hierarchies to ambiguous concept classes. *Journal of Experimental Psychology*, 65:240-247, 1963.
- SPRAGUE, ROBERT K., BINDER, ARNOLD, and SILVER, RUTH: Learning factors in the responses of the retarded to ambiguous stimuli. *American Journal of Mental Deficiency*, 68:722-733, 1964.
- MH-2171 (R01) STRUPP, HANS H.: Role of psychotherapists in the treatment process. University of North Carolina, Chapel Hill, N.C. (1957-65) (Continued from MH-965).
- FOX, R. E., and GOLDIN, P. C.: The empathic process in psychotherapy: A survey of theory and research. *Journal of Nervous and Mental Disease*, 138:323-331, 1964.
- STRUPP, HANS H.: Toward an analysis of the therapist's contribution to the treatment process. *Psychiatry*, 22:349-362, 1959. (Also acknowledges MH-965).
- STRUPP, HANS H.: Nature of psychotherapist's contribution to treatment process: Some research results and speculations. *Archives of General Psychiatry*, 3:219-231, 1960.
- STRUPP, HANS H.: Some comments on the future of research in psychotherapy. *Behavioral Science*, 5:60-71, 1960.
- STRUPP, HANS H.: Psychotherapists in action: Explorations of the therapist's contribution to the treatment process. New York, Grune & Stratton, 1960, 352 p. (Also acknowledges MH-965).
- STRUPP, HANS H.: An analysis of therapist activity in two psychoanalytic interviews. In: Gottschalk, I. A. ed. *Comparative psycholinguistic analysis*

- International Universities Press, 1961, p. 61-72. (Discussant, p. 151-161).
- STRUPP, HANS H.: Psychotherapy. In: Farnsworth, P. R., ed. *Annual review of psychology*. Vol. 13. Palo Alto, California, Annual Reviews, 1962, p. 445-478.
- STRUPP, HANS H.: Patient-doctor relationships: Psychotherapist's contribution to the treatment process. In: Bachrach, A. J., ed. *Experimental foundations of clinical psychology*. New York, Basic Books, 1962, p. 576-615.
- STRUPP, HANS H.: Some recent research on the psychotherapist's contribution to the treatment process. In: Nielsen, G. S., ed. *Proceedings of the 14th International Congress of Applied Psychology*. Vol. 4. Clinical psychology. Copenhagen, Munksgaard, 1962, p. 89-98.
- STRUPP, HANS H.: The therapist's contribution to the treatment process: Beginnings and vagaries of a research program. In: Strupp, H. H., and Luborsky, L., eds. *Research in psychotherapy*. Vol. 2. Washington, D.C., American Psychological Association, 1962, p. 25-40.
- STRUPP, HANS H.: The outcome problem in psychotherapy revisited. *Psychotherapy*, 1:1-13, 1963.
- STRUPP, HANS H., and JENKINS, JOAN W.: The development of six sound motion pictures simulating psychotherapeutic situations. *Journal of Nervous and Mental Disease*, 136:317-328, 1963.
- STRUPP, H. H., and WALLACH, M. S.: A further study of psychiatrists' responses in quasi-therapy situations. *Behavioral Science*, 10(2):113-134, 1965.
- STRUPP, HANS H., WALLACH, MARTIN S., and WOGAN, MICHAEL: Psychotherapy experience in retrospect: Questionnaire survey of former patients and their therapists. *Psychological Monographs*, 78:1-45, 1964. (Whole No. 588).
- STRUPP, H. H., WALLACH, M. S., WOGAN, M., and JENKINS, JOAN W.: Psychotherapists' assessments of former patients. *Journal of Nervous and Mental Disease*, 137:222-230, 1963.
- STRUPP, HANS H., and WILLIAMS, JOAN V.: Some determinants of clinical evaluations of different psychiatrists. *Archives of General Psychiatry*, 2: 434-440, 1960.
- WALLACH, MARTIN S., and STRUPP, HANS H.: Psychotherapists' clinical judgments and attitudes towards patients. *Journal of Consulting Psychology*, 24:316-323, 1960.
- WALLACH, MARTIN S., and STRUPP, HANS H.: Dimensions of psychotherapists' activity. *Journal of Consulting Psychology*, 28:120-125, 1964.
- MH-2172 (R03) VAN DER KLOOT, WILLIAM G.: Quantitative analysis of social behavior. Cornell University, Ithaca, N.Y. (1957-58)
- DANE, B., and VAN DER KLOOT, WILLIAM G.: An analysis of the display of the Goldeneye Duck (*Bucephala clangula* L.). *Behavior*, 22:280-328, 1964.
- MH-2173 (R03) COHEN, WALTER, and CAVANAUGH, DAVID K.: Motivation and improved performance in schizophrenia. University of Buffalo—prior to Sept. 1, 1962, Buffalo, N.Y. (1958-58)
- CAVANAUGH, D. K., COHEN, W., and LANG, P. J.: The effect of "social approval" on the psychomotor performance of schizophrenics. *Journal of Abnormal and Social Psychology*, 60:213-218, 1960.
- MH-2177 (R03) BRUNNER, EDWARD M., and ROSS, ALAN O.: Acculturation and personality among Batak children. Yale University, New Haven, Conn. (1957-58)
- ROSS, ALAN O.: Ego identity and the social order. *Psychological Monographs*, 76(23):1-33, 1962. (Whole No. 542).
- ROSS, ALAN O., and BRUNER, EDWARD M.: Family interaction at two levels of acculturation in Sumatra. *American Journal of Orthopsychiatry*, 33: 51-59, 1963.
- MH-2178 (R01) KNAPP, ROBERT H.: Study of personality correlates of aesthetic choice. Wesleyan University, Middletown, Conn. (1958-64)
- JOHNSON, O., and KNAPP, R. H.: Sex differences in aesthetic preference. *Journal of Social Psychology*, 61:279-301, 1963.
- KNAPP, R. H.: A study of the metaphor. *Journal of Projective Techniques*, 24(4):389-395, 1960.
- KNAPP, R. H.: Attitudes toward time and aesthetic choice. *Journal of Social Psychology*, 56:79-87, 1962.
- KNAPP, R. H.: Sex differences among schizophrenics in the interpretation of the human diad. *Journal of Psychology*, 56:473-478, 1963.
- KNAPP, R. H.: An experimental study of a triadic hypothesis concerning the sources of aesthetic imagery. *Journal of Projective Techniques*, 28: 49-54, 1964.
- KNAPP, R. H.: Perceptual interpretation of the diad: I. Judgments of acceptance. *Journal of Social Psychology*, 63:169-177, 1964.
- KNAPP, R. H.: Perceptual interpretation of the social diad: II. Character of relationship. *Journal of Social Psychology*, 64:89-100, 1964.

- KNAPP, ROBERT H., and CHEN, RACHEL J. C.: On the surplus meanings of numbers. *Psychological Reports*, 15:319-322, 1964.
- KNAPP, R. H., and EHLINGER, H.: Stylistic consistency among aesthetic preferences. *Journal of Projective Techniques*, 26:61-65, 1962.
- KNAPP, R. H., and EHLINGER, HELEN: Sex differences in the incidence of responses to the diadic silhouette test. *Journal of Social Psychology*, 68: 57-63, 1966.
- KNAPP, ROBERT H., and GARDUTT, JOHN T.: Variation in time descriptions and need achievement. *Journal of Social Psychology*, 67:269-272, 1965.
- KNAPP, R. H., and GREEN, S.: Preference for style of abstract art and their personality correlates. *Journal of Projective Techniques*, 24:396-402, 1960.
- KNAPP, R. H., and GREEN, H. B.: The judgment of music-filled intervals and *n* achievement. *Journal of Social Psychology*, 54:263-267, 1961.
- KNAPP, R. H., and GREEN, H. B.: Personality correlates of success imagery. *Journal of Social Psychology*, 62:93-100, 1964.
- KNAPP, R. H., and HOFFMAN, E. G.: Vocational interest scores and patterns of aesthetic preference. *Journal of Social Psychology*, 64:299-306, 1964.
- KNAPP, R. H., and LAPUC, P. S.: Time imagery, introversion and fantasied preoccupation in simulated isolation. *Perceptual and Motor Skills*, 20: 327-330, 1965.
- KNAPP, R. H., McELROY, L. R., and VAUGHAN, J.: On blithe and melancholic aestheticism. *Journal of General Psychology*, 67:3-10, 1962.
- KNAPP, R. H., and WULFF, A.: Preferences for abstract and representational art. *Journal of Social Psychology*, 60:255-262, 1963.
- LARSEN, L., and KNAPP, R. H.: Sex differences in symbolic conceptions of the deity. *Journal of Projective Techniques*, 28:303-306, 1964.
- RICKERS-OVSJANKINA, MARIA A., KNAPP, ROBERT H., and McINTYRE, DONALD W.: Factors affecting the psychodiagnostic significance of color perception. *Journal of Projective Techniques*, 27:461-466, 1963.
- VAUGHAN, J., and KNAPP, R. H.: A study in pessimism. *Journal of Social Psychology*, 59:77-92, 1963.
- MH-2181 (R03) VEROFF, JOSHUA, and FELD, SHEILA: Projective measures in a national sample survey. University of Michigan, Ann Arbor, Mich. (1957-58)
- 1963, p. 331-352.
- VEROFF, J., ATKINSON, J. W., FELD, SHEILA, and GURIN, G.: The use of thematic apperception to assess motivation in a nationwide interview study. *Psychological Monographs*, 74(12):1-32, 1960. (Whole No. 499).
- MH-2191 (R03) BRUSH, F. ROBERT: Experimental analysis of incubation of anxiety. University of Maryland, College Park, Md. (1958-59)
- BRUSH, F. R.: The effects of intertrial interval on avoidance learning in the rat. *Journal of Comparative and Physiological Psychology*, 55:888-892, 1962. (Also acknowledges MH-3337).
- MH-2195 (R03) ISAAC, WALTER: Nonspecific sensory stimulation of the monkey. Emory University, Atlanta, Ga. (1957-58)
- ISAAC, WALTER: Evidence for a sensory drive in monkeys. *Psychological Reports*, 11:175-181, 1962. (Also acknowledges MH-2289).
- ISAAC, WALTER: A reply to Dr. Leuba's comments. *Psychological Reports*, 12:342, 1963. (In reference to the following: Isaac, W. Evidence for a sensory drive in monkeys. *Psychological Reports*, 11:175-181, 1962. Leuba, C. Comments on Isaac's "Evidence for a sensory drive in monkeys." *Psychological Reports*, 12:14, 1963). (Also acknowledges MH-2289).
- MH-2196 (R01) RAZRAN, GREGORY: Russian experiments in interoceptive conditioning. Queens College of the City University of New York, Flushing, N.Y. (1958- )
- RAZRAN, G.: Psychology in Communist countries other than the USSR. *American Psychologist*, 13: 177-178, 1958.
- RAZRAN, G.: Psychology inside the USSR. *Contemporary Psychology*, 3:85-87, 1958.
- RAZRAN, G.: K. N. Kornilov, theoretical and experimental psychologist. *Science*, 128:74-75, 1958.
- RAZRAN, G., PAVLOV and LAMARCK: *Science*, 128: 758-760, 1958.
- RAZRAN, G.: Soviet psychology and psychophysiology. *Science*, 128:1187-1194, 1958.
- RAZRAN, G.: Soviet psychology and psychophysiology. *Behavioral Science*, 4:35-48, 1959.
- RAZRAN, G.: Bibliography of Soviet experiments in interoceptive conditioning, and unconditioned interoception in the last ten years. Bethesda, Maryland, National Institutes of Health, Russian Scientific Translation Program, 1959, 45 p.



- RAZRAN, G.: Transliteration of Russian. *Science*, 129:1111-1113, 1959.
- RAZRAN, G.: The specifics of Russian-English transliteration: Reply to Hamp; Addendum: Reply to Faberge, London & London, & Ray. *Science*, 130: 486-488, 1959.
- RAZRAN, G.: Pavlov the empiricist. *Science*, 130: 916, 1959.
- RAZRAN, G.: 1957 and 1958 Russian books in psychology, psychophysiology, and related areas in psychiatry. *American Psychologist*, 15:204-207, 1960.
- RAZRAN, G.: The observable unconscious in current Soviet psychophysiology: Survey and interpretation of experiments in interoceptive conditioning. In: Ries, B. F., and Abt, L., eds. *Progress in clinical psychology*. Vol. 4. New York, Grune & Stratton, 1960, p. 1-31.
- RAZRAN, G.: Contributions: Pavlovian conference on higher nervous activity. *Annals of the New York Academy of Science*, 92:816-817 and 1070-1072 and 1197, 1961.
- RAZRAN, G.: Recent Soviet phyletic comparisons of classical and of operant conditioning: Experimental designs. *Journal of Comparative and Physiological Psychology*, 54:357-365, 1961.
- RAZRAN, G.: Raphael's "ideless" behavior. *Journal of Comparative and Physiological Psychology*, 54: 366-367, 1961.
- RAZRAN, G.: The observable unconscious and the inferable conscious in current Soviet psychology: Interoceptive conditioning, semantic conditioning, and the orienting reflex. *Psychological Review*, 68:81-147, 1961.
- RAZRAN, G.: Inheritance in Soviet medicine, psychology, and education. *Science*, 135:248-253, 1962.
- RAZRAN, G.: Growth, scope and direction of current Soviet psychology: The 1963 All-Union Congress. *American Psychologist*, 19:342-349, 1964.
- RAZRAN, GREGORY: Soviet studies on higher nervous activity and psychology in 1952, 1962- and 1972. *Medical Reports*, March-May 1, 1964, p. 1-17.
- RAZRAN, G.: The place of the conditioned reflex in psychology and psychiatry. In: *Pavlovian conditioning and American psychiatry*. New York, Group for Advancement of Psychiatry, 1964, p. 161-180.
- RAZRAN, GREGORY: Russian physiologists' psychology and American experimental psychology: A historical and a systematic collation and a look into the future. *Psychological Bulletin*, 63(1): 42-64, 1965.
- RAZRAN, GREGORY: Evolutionary psychology: Levels of learning—and perception and thinking. In: Wolman, Benjamin B., ed. *Scientific psychology*. New York, Basic Books Publishing, 1965, p. 207-253.
- MH-2200 (R01) GREEN, EDWARD J.: Discrimination and schedules of reinforcement. Dartmouth College, Hanover, N.H. (1958-62)
- GREEN, E. J., SANDERS, R. M., and SQUIER, R. W.: Schedules of reinforcement and discrimination learning. *Journal of the Experimental Analysis of Behavior*, 2:293-299, 1959.
- MH-2202 (R01) STRODTBECK, FRED L., and JAMES, RITA M.: Juror reactions to legal definitions of insanity. University of Chicago, Chicago, Ill. (1958-61)
- JAMES, RITA M.: Status and competence of jurors. *American Journal of Sociology*, 64:563-570, 1959.
- JAMES, RITA M.: Jurors' assessment of criminal responsibility. *Social Problems*, 7:58-69, 1959.
- JAMES, RITA: Jurors' evaluation of psychiatric testimony. *Ohio State Law Review*, Winter, 1960.
- SIMON, RITA JAMES: Mental patients as jurors. *Human Organization*, 22(4):276-282, 1963-1964.
- MH-2204 (R01) CARVER, MICHAEL J.: Basic studies of mongolism. University of Nebraska, Omaha, Nebr. (1958-61)
- CARVER, M. J., DUTCH, S. J., PASKA, R., and WITTON, C. L.: Aminoaciduria in selected metabolic errors. *Metabolism*, 11:357-364, 1962. (Also acknowledges MH-5075).
- CARVER, M. J., and PASKA, R.: Ion-exchange chromatography of urinary amino acids. I. Normal children. *Clinical Chimica Acta*, 6:721-724, 1961.
- CARVER, M. J., and WILTON, L. D.: Studies on serum protein fractions from mongoloids. *Diseases of the Nervous System*, 22(2):84-86, 1961.
- CARVER, M. J., and WITTON, C.: Metabolic errors and mental retardation. *Clinical Medicine*, 8: 2109-2116, 1961.
- MH-2208 (R01) BARR, DONALD M., BIJOU, SIDNEY, and HARRIS, FLORENCE: Experimental analysis of social motivation. University of Washington, Seattle, Wash. (1958-65)
- ALLEN, K. EILEEN, HART, BETTY, BUELL, JOAN S., HARRIS, FLORENCE R., and WOLF, MONTROSE M.: Effects of social reinforcement on isolate behavior of a nursery school child. *Child Development*, 35:511-518, 1964. (Also acknowledges MH-2232).

- BAER, DONALD M.: Escape and avoidance behaviors of pre-school children to two schedules of reinforcement withdrawal. *Journal of the Experimental Analysis of Behavior*, 3:155-159, 1960.
- BAER, DONALD M.: The effect of withdrawal of positive reinforcement on an extinguishing response in young children. *Child Development*, 32:67-74, 1961.
- BAER, DONALD M.: A technique of social reinforcement for the study of child behavior: Behavior avoiding reinforcement withdrawal. *Child Development*, 33:847-858, 1962.
- BAER, DONALD M.: Laboratory control of thumb-sucking by withdrawal and representation of reinforcement. *Journal of the Experimental Analysis of Behavior*, 5:525-528, 1962.
- BAER, DONALD M., and BIJOU, S. W.: The laboratory-experimental study of child behavior, Chapter 4. In: Mussen, P., ed. *Handbook of research methods in child development*. New York, Wiley, 1960.
- BAER, D. M., and SHERMAN, J. A.: Reinforcement control of generalized imitation in young children. *Journal of Experimental Child Psychology*, 1:37-49, 1964.
- BIJOU, SIDNEY W.: Discrimination performance as a baseline for individual analysis of young children. *Child Development*, 32:163-170, 1961. (Also acknowledges MH-2232).
- BIJOU, S. W., and BAER, D. M.: Child development: A systematic and empirical theory. New York, Appleton-Century-Crofts, 1961. (Also acknowledges MH-2232).
- BIJOU, S. W., and BAER, D. M.: Some methodological contributions form a functional analysis of child development. In: Lipsitt, L., and Spiker, C., eds. *Advances in child development and behavior*. Vol. 1. New York, Academic Press, 1963. (Also acknowledges MH-2232).
- ERICKSON, M. T.: Effects of social deprivation and satiation on verbal conditioning in children. *Journal of Comparative and Physiological Psychology*, 55:953-957, 1962.
- GEWIRTZ, J. L., and BAER, D. M.: The effect of brief social deprivation on behaviors for a social reinforcer. *Journal of Abnormal and Social Psychology*, 56:49-56, 1958.
- HARRIS, F. R., WOLF, M. M., and BAER, D. M.: Effects of adult social reinforcement on child behavior. *Young Children*, 20:1-17, 1964. (Also acknowledges MH-2232).
- HART, BETTY M., ALLEN, K. EILEEN, BUELL, JOAN S., HARRIS, FLORENCE R., and WOLF, MONTROSE, M.: Effects of social reinforcement on operant crying. *Journal of Experimental Child Psychology*, 1:145-153, 1964. (Also acknowledges MH-2232).
- JOHNSTON, MARGARET K., KELLEY, C. SUSAN, HARRIS, FLORENCE R., and WOLF, MONTROSE M.: An application of reinforcement principles to development of motor skills of a young child. *Child Development*, 37(2):379-387, 1966. (Also acknowledges MH-2232).
- LARDNER, DIANE: Effect of aggressive story content on nonverbal play behavior. *Psychological Reports*, 11:14, 1962.
- LOVAAS, O. I.: Effects of exposure to symbolic aggression on aggressive behavior. *Child Development*, 32:37-44, 1961.
- LOVAAS, O. I.: Interaction between verbal and nonverbal behavior. *Child Development*, 32:329-336, 1961.
- LOVAAS, O. I.: Cue properties of words: The control of operant responding by rate and content of verbal operants. *Child Development*, 35:245-256, 1964.
- LOVAAS, O. I., BAER, D. M., and BIJOU, S. W.: Experimental procedures for analyzing the interaction of symbolic social stimuli and children's behavior. *Child Development*, 36(1):237-247, 1965.
- SHERMAN, JAMES A.: Modification of nonverbal behavior through reinforcement of related verbal behavior. *Child Development*, 35:717-723, 1964.
- MH-2209 (R06) WILENSKY, HAROLD L.: Labor and leisure—a study of role segregation. University of Michigan, Ann Arbor, Mich. (1958-63)
- LADINSKY, JACK: Careers of lawyers, law practice, and legal institutions. *American Sociological Review*, 28(1):47-54, 1963.
- POPE, HALLOWELL: Economic deprivation and social participation in a group of "middle class" factory workers. *Social Problems*, 11:290-300, 1964.
- WILENSKY, H. L.: Work, careers, and social integration. *International Social Science Journal*, 12:543-560, 1960.
- WILENSKY, H. L.: Social structure, popular culture, and mass behavior. *Studies in Publication Communication*, 3:15-22, 1961. Also in: *Public Opinion Quarterly*, 24(3):497-499, 1960.
- WILENSKY, HAROLD L.: Life cycle, work situation, and participation in formal associations. In: Klee-mer, Robert W., ed. *Aging and leisure: Research perspectives on the meaningful use of time*. New York, Oxford University Press, 1961, p. 213-242. Also in: Tibbetts, C., and Donahue, W., eds. *Aging around the world*. Vol. I. Social and psychological aspects. New York, Columbia University Press, 1962.

- WILENSKY, H. L.: Orderly careers and social participation: The impact of work history on social integration in the middle mass. *American Sociological Review*, 26(4):521-539, 1961.
- WILENSKY, H. L.: The uneven distribution of leisure: The impact of economic growth on "free time." *Social Problems*, 9(1):32-56, 1961.
- WILENSKY, H. L.: The dynamics of professionalism: The case of hospital administration. *Hospital Administration*, 7(2):6-24, 1962.
- WILENSKY, H. L.: Labor and leisure: Intellectual traditions. *Industrial Relations*, 1(2):1-12, 1962.
- WILENSKY, HAROLD L.: The moonlighter: A product of relative deprivation. *Industrial Relations*, 3(1):105-124, 1963.
- WILENSKY, H. L.: The professionalization of everyone? *American Journal of Sociology*, 70:137-158, 1964.
- WILENSKY, HAROLD L.: Mass society and mass culture: Interdependence or independence? *American Sociological Review*, 29:173-197, 1964.
- H-2211 (R01) KOELLA, WERNER P., FERRY, ALAN, and HOAGLAND, HUDSON: Neurophysiological response to serotonin. Worcester Foundation for Experimental Biology, Shrewsbury, Mass. (1958- )
- ERGEN, JOHN R., CZICMAN, JOHN S., and KOELLA, WERNER P.: Influence of a plasma protein fraction from schizophrenic and normal persons upon the optic evoked response in the rabbit. *Journal of Neuropsychiatry*, 4:219-223, 1963. (Also acknowledges MH-2967).
- ERGEN, J. R., KOELLA, W. P., CZICMAN, J., and HOAGLAND, H.: Evoked optic potential changes induced by plasma globulins from schizophrenics. (Abstract) *Federation Proceedings*, 20(1):305, 1961. (Also acknowledges MH-2967).
- ERGEN, J. R., KRUS, D. M., BEISAW, N. E., KOELLA, W. P., and PINCUS, G.: Central nervous system and behavior: Some properties of progesterone. *Excerpta Medica*, 51:117, 1962. (Also acknowledges MH-2262 and MH-2967).
- DELLA, WERNER P.: Zum Wirkungsmechanismus von Serotonin auf das Zentralnervensystem. (Switzerland). *Praxis*, 51:1-24, 1962.
- DELLA, WERNER P., and CZICMAN, J.: Effect of intracarotid serotonin on the spinal reflexes. (Abstract) *Federation Proceedings*, 20 Part 1:305, 1961.
- DELLA, W. P., and CZICMAN, J. S.: Influence of serotonin upon optic evoked potentials, the EEG and blood pressure of the curarized cat. *American Journal of Physiology*, 204:873-880, 1963.
- KOELLA, W. P., and CZICMAN, J. S.: The area postrema as a possible receptor site for EEG synchronization by 5-HT. *Federation Proceedings*, 24(2) Part 1:646, 1965.
- KOELLA, W. P., and FERRY, ALAN: Cortico-subcortical homeostasis in the cat's brain. *Science*, 142:586-589, 1963.
- KOELLA, WERNER, LEVY, C. K., SMYTHIES, J. R., and CZICMAN, J. S.: Influences from the carotid sinus upon cortical evoked potentials. (Abstract) *Federation Proceedings*, 19(1) Part 1:287, 1960.
- KOELLA, WERNER P., and SCHAEPLI, ULRICH: The reaction of the isolated cat's iris to serotonin. *Journal of Pharmacology and Experimental Therapeutics*, 138:154-158, 1962.
- KOELLA, WERNER P., SMYTHIES, J. R., and BULL, D. M.: Factors involved in the effect of serotonin on evoked electrocortical potentials. *Science*, 129 (3357):1231, 1959.
- KOELLA, WERNER P., SMYTHIES, JOHN R., BULL, DAVID M., and LEVY, CHARLES K.: Physiological fractionation of the effect of serotonin on evoked potentials. *American Journal of Physiology*, 198:205-211, 1960.
- KOELLA, WERNER P., SMYTHIES, JOHN R., and LEVY, CHARLES K.: The effect of mescaline on the optic evoked potentials in the unanesthetized rabbit. *Journal of Pharmacology and Experimental Therapeutics*, 129:462-470, 1960.
- KOELLA, WERNER P., SMYTHIES, JOHN R., LEVY, CHARLES K., and CZICMAN, J. S.: Modulatory influence on cerebral cortical optic response from the carotid sinus area. *American Journal of Physiology*, 199:381-386, 1960.
- KOELLA, WERNER P., TRUNCA, CAROLYN M., and CZICMAN, JOHN S.: Serotonin: Effect on recruiting responses of the cat. *Life Sciences*, 4(2):173-181, 1965.
- KOELLA, W. P., and WELLS, C. H.: Influence of LSD-25 on optically evoked potentials in the non-anesthetized rabbit. *American Journal of Physiology*, 196(6):1181-1184, 1959.
- LEVY, C. K., LOESER, J. D., and KOELLA, W. P.: The cerebellar acoustic response and its interaction with optic responses. *Electroencephalography and Clinical Neurophysiology*, 13:235-242, 1961.
- PAWLOWSKI, ALBERT A.: Effects of lysergic acid diethylamide on the modification of a learned jumping response. *Journal of Neuropsychiatry*, 4:81-86, 1962.
- SCHAEPLI, ULRICH: Comparison of serotonin with directly and indirectly acting compounds in their effect on the nictitating membrane of spinal cats. *Journal of Pharmacology and Experimental Therapeutics*, 139:330-336, 1963.

- SCHAEPP, U., and KOELLA, W. P.: Adrenergic innervation of cat iris sphincter. *American Journal of Physiology*, 207:273-278, 1964.
- SCHAEPP, U., and KOELLA, W. P.: Innervation of cat iris dilator. *American Journal of Physiology*, 207(6):1411-1416, 1964.
- SCHAEPP, U., and KOELLA, W. P.: Changes in level of vigilance in response to administration of drugs into the 4th ventricle of the cat. (Abstract) *Federation Proceedings*, 25(2):628, 1966.
- SCHAEPP, U., KOELLA, W. P., and DODD, MYRNA: Reaction of isolated pig iris sphincter to electrical stimulation and acetylcholine. *American Journal of Physiology*, 206:255-261, 1964.
- SCHAEPP, U., and RUBIN, P. H.: Effects of chlorpromazine upon induced periods of tonic immobility in rabbits. *International Journal of Neuropsychiatry*, 1(1):71-75, 1965. (Also acknowledged MH-4953).
- SMYTHIES, J. R., and LEVY, C. K.: The comparative psychopharmacology of some mescaline analogues. *Journal of Mental Science*, 106:443, 1960.
- MH-2212 (R03) RICHARDS, THOMAS W.: Psychological factors in reactions to mescaline. Louisiana State University, New Orleans, La. (1957-58)
- RICHARDS, THOMAS W., and STEVENSON, IAN: Personality of subjects who volunteer for research on a drug (mescaline). *Journal of Projective Techniques*, 24:424-428, 1960.
- RICHARDS, THOMAS W., and STEVENSON, IAN: Prolonged reactions to mescaline: A report of two cases. *Psychopharmacologia*, 1:241-250, 1960.
- RICHARDS, THOMAS W., and STEVENSON, IAN: Consistency in the psychologic reaction to mescaline. *Southern Medical Journal*, 54:1319-1320, 1961.
- MH-2215 (R03) WIGGINS, JERRY S.: A social desirability scale for the MMPI. Stanford University, Stanford, Calif. (1958-58)
- ULLMANN, LEONARD P., and WIGGINS, JERRY S.: Endorsement frequency and the number of differentiating MMPI items to be expected by chance. *Newsletter for Research in Psychology*, 4:29-34, 1962. (Also acknowledges MH-2458).
- WIGGINS, J. S.: Interrelationships among MMPI measures of dissimulation under standard and social desirability instructions. *Journal of Consulting Psychology*, 23:419-427, 1959.
- WIGGINS, J. S., and RUMRILL, C.: Social desirability in the MMPI and Welsh's factor scales A and R. *Journal of Consulting Psychology*, 23:100-106, 1959.
- MH-2218 (R06) ROFF, MERRILL: The young adult adjustments of maladjusted boys. University of Minnesota, Minneapolis, Minn. (1958-64)
- ROFF, MERRILL: Childhood social interactions and young adult bad conduct. *Journal of Abnormal and Social Psychology*, 63:333-337, 1961.
- ROFF, MERRILL: The service-related experience of a sample of juvenile delinquents. Report No. 61-1. Minneapolis, Minn., Univ. of Minnesota, Institute of Child Development and Welfare, 1961, 8 p. (Processed).
- ROFF, MERRILL: Some multivariate criterion problems in the adjustment area. In: Office of Naval Research, ed. *Symposium on research and teaching methods in multivariate experimental design*. Princeton, New Jersey, Educational Testing Service, 1962, p. 41-45.
- ROFF, MERRILL: Childhood social interactions and young adult psychosis. *Journal of Clinical Psychology*, 19:152-157, 1963.
- ROFF, MERRILL: The service-related experience of a sample of juvenile delinquents. II. A replication on a larger sample in another state. Report No. 63-2. Minneapolis, Minn., Univ. of Minn., Institute of Child Development and Welfare, 1963, 13 p. (Processed).
- ROFF, MERRILL: The service-related experience of a sample of juvenile delinquents. III. The predictive significance of juvenile confinement. Report No. 64-3. Minneapolis, Minn., Univ. of Minnesota, Institute of Child Development and Welfare, 1964, 14 p. (Processed).
- MH-2224 (R06) CHANCE, ERIKA: Methods used in clinical case descriptions. Mount Zion Hospital and Medical Center, San Francisco, Calif. (1958-62)
- CHANCE, ERIKA: Interdisciplinary differences in case descriptions. *American Journal of Orthopsychiatry*, 33(4):672-677, 1963.
- CHANCE, E., and ARNOLD, J.: The effect of professional training, experience and preference for a theoretical system. *Human Relations*, 13(3):195-213, 1960.
- CHANCE, E., ARNOLD, JACK, and TYRRELL, S.: Background and themes used in clinical case description. *Human Relations*, 15(1):53-61, 1962.
- CHANCE, E., ARNOLD, J., and TYRRELL, S.: Communality and stability of meaning in clinical case description. *Journal of Abnormal and Social Psychology*, 64:389-406, 1962.
- MH-2225 (R03) WARSHAW, LEON J.: Effects of drugs on mood and performance in industry. United Artists Corp., New York, N.Y. (1958-59)

- WARSHAW, L. J.: Clinical pharmacology in industrial medicine. *Clinical Pharmacology and Therapeutics*, 2:230-236, 1961. (Also acknowledges MH-2922).
- WARSHAW, L. J.: Clinical research in industrial medicine. *Journal of Occupational Medicine*, 6:1-4, 1964. (Also acknowledges MH-2922).
- MH-2229 (R01) ELLIS, NORMAN R.: Determinants of learning in the mentally retarded. Louisiana State Colony and Training School, Pineville, La. (1958-60) (Continued as MH-4433).
- BARNETT, C. D., ELLIS, N. R., and PRYER, MARGARET W.: Stimulus pretraining and the delayed reaction in defectives. *American Journal of Mental Deficiency*, 63:104-111, 1959.
- BARNETT, C. D., ELLIS, N. R., and PRYER, MARGARET W.: Learning in familial and brain-injured defectives. *American Journal of Mental Deficiency*, 64:894-900, 1960.
- BARNETT, C. D., ELLIS, N. R., and PRYER, MARGARET W.: Absence of noise effects in the simple operant behavior of defectives. *Perceptual and Motor Skills*, 10:167-170, 1960.
- BARNETT, C. D., ELLIS, N. R., and PRYER, MARGARET W.: Serial position effects in superior and retarded subjects. *Psychological Reports*, 7:111-113, 1960.
- BARNETT, C. D., PRYER, MARGARET W., and ELLIS, N. R.: Experimental manipulation of verbal behavior in defectives. *Psychological Reports*, 5:593-596, 1959.
- ELLIS, N. R.: Amount of reward and operant behavior in mental defectives. *American Journal of Mental Deficiency*, 66:595-599, 1962. (Also acknowledges MH-4433).
- ELLIS, N. R., BARNETT, C. D., and PRYER, MARGARET W.: Operant behavior in mental defectives: Exploratory studies. *Journal of the Experimental Analysis of Behavior*, 3:63-69, 1960.
- ELLIS, N. R., and DISTEFANO, M. K., JR.: Effects of verbal urging and praise upon rotary pursuit performance in mental defectives. *American Journal of Mental Deficiency*, 64:486-490, 1959.
- ELLIS, N. R., PRYER, MARGARET W., and BARNETT, C. D.: Motor learning and retention in normals and defectives. *Perceptual and Motor Skills*, 10:83-91, 1960.
- ELLIS, N. R., PRYER, MARGARET W., and BARNETT, C. D.: Note on habit formation in normal and retarded subjects. *Psychological Reports*, 6:385-386, 1960.
- ELLIS, N. R., PRYER, MARGARET W., DISTEFANO, M. K., JR., and PRYER, R. S.: Learning in mentally defective, normal, and superior subjects. *American Journal of Mental Deficiency*, 64:725-734, 1959.
- JONES, R. W., and ELLIS, N. R.: Inhibitory potential in rotary pursuit acquisition by normal and defective subjects. *Journal of Experimental Psychology*, 63:534-537, 1962. (Also acknowledges MH-4433).
- MH-2232 (R01) BIJOU, SIDNEY W., and ORLANDO, ROBERT: Experimental analysis of behavior in retardates. University of Washington, Seattle, Wash. (1958-65).
- ALLEN, K. EILEEN, HART, BETTY, BUELL, JOAN S., HARRIS, FLORENCE R., and WOLF, MONTROSE M.: Effects of social reinforcement on isolate behavior of a nursery school child. *Child Development*, 35:511-518, 1964. (Also acknowledges MH-2208).
- BIJOU, SIDNEY W.: Discrimination performance as a baseline for individual analysis of young children. *Child Development*, 3:163-170, 1961. (Also acknowledges MH-2208).
- BIJOU, SIDNEY W.: Theory and research in mental (developmental) retardation. *Psychological Record*, 13:95-110, 1963.
- BIJOU, S. W., and BAER, D. M.: Child development: A systematic and empirical theory. New York, Appleton-Century-Crofts, 1961. (Also acknowledges MH-2208).
- BIJOU, S. W., and BAER, D. M.: Some methodological contributions form a functional analysis of child development. In: Lipsitt, L., and Spiker, C., eds. *Advances in child development and behavior*. Vol. 1. New York, Academic Press, 1963. (Also acknowledges MH-2208).
- BIJOU, SIDNEY W., and OBLINGER, BARBARA: Responses of normal and retarded children as a function of the experimental situation. *Psychological Reports*, 6:447-454, 1960.
- BIJOU, SIDNEY W., and ORLANDO, R.: Rapid development of multiple schedule performances with retarded children. *Journal of the Experimental Analysis of Behavior*, 4:7-16, 1961.
- BIRNBAUER, J. S., and LAWLER, JULIA: Token reinforcement for learning. *M. R. Journal*, 2(5):275-279, 1964. (Also acknowledges MH-1366).
- BIRNBAUER, J. S., WOLF, M. M., KIDDER, J. D., and TAGUE, CECILIA E.: Classroom behavior of retarded pupils with token reinforcement. *Journal of Experimental Child Psychology*, 2(2):219-235, 1965.
- HARRIS, FLORENCE R., JOHNSTON, MARGARET K., and KELLY, C. SUSAN: Effects of positive social reinforcement on regressed crawling of a nursery school child. *Journal of Educational Psychology*, 55:35-41, 1964.

- HARRIS, F. R., WOLF, M. M., and BAER, D. M.: Effects of adult social reinforcement on child behavior. *Young Children*, 20:1-17, 1964. (Also acknowledges MH-2208).
- HART, BETTY M., ALLEN, K. EILEEN, BUELL, JOAN S., HARRIS, FLORENCE R., and WOLF, MONTROSE M.: Effects of social reinforcement on operant crying. *Journal of Experimental Child Psychology*, 1:145-153, 1964. (Also acknowledges MH-2208).
- JOHNSTON, MARGARET K., KELLEY, C. SUSAN, HARRIS, FLORENCE R., and WOLF, MONTROSE M.: An application of reinforcement principles to development of motor skills of a young child. *Child Development*, 37(2):379-387, 1966. (Also acknowledges MH-2208).
- ORLANDO, R.: The functional role of discriminative stimuli in free operant performance developmentally retarded children. *Psychological Record*, 11: 153-161, 1961.
- ORLANDO, ROBERT: Shaping multiple schedule performance in retardates: Establishment of baselines by systematic and special procedures. *Journal of Experimental Child Psychology*, 2(2):135-153, 1965.
- ORLANDO, R.: A discriminated-operant baseline procedure for analysis of stimulus generalization in individuals. *Perceptual and Motor Skills*, 20:247-254, 1965.
- ORLANDO, R., and BIJOU, S. W.: Single and multiple schedules of reinforcement in developmentally retarded children. *Journal of the Experimental Analysis of Behavior*, 4:339-384, 1960.
- ORLANDO, R., BIJOU, S. W., TYLER, R. M., and MARSHALL, D. A.: A laboratory for the experimental analysis of developmentally retarded children. *Psychological Reports*, 7:261-267, 1960.
- RISLEY, TODD: Generalization gradients following two-response discrimination training. *Journal of the Experimental Analysis of Behavior*, 7(2):199-204, 1964.
- SLOANE, HOWARD N., JR., and HARPER, LARRY JAMES: Experimental control during an earthquake. *Journal of the Experimental Analysis of Behavior*, 8(6):425-426, 1965.
- WOLF, MONTROSE, and RISLEY, T.: Application of operant conditioning procedures to the behavior problems of an autistic child. *Behavior Research and Therapy*, 1:305-312, 1964.
- MH-2234 (R01) KRYTER, KARL D., and LICKLIDER, J. C. R.: Effects of noise, annoyance and disturbance of sleep. Bolt, Beranek and Newman, Cambridge, Mass. (1958-62)
- KRYTER, K. D.: Scaling human reactions to the sound from aircraft. *Journal of the Acoustical Society of America*, 31(11):1415-1429, 1959.
- KRYTER, K. D.: Human criteria for noise control. In: *McGraw-Hill encyclopedia of science and technology*. Vol. 9. New York, McGraw-Hill, 1960, p. 125-128.
- KRYTER, K. D.: The meaning and measurement of perceived noise level. *Noise Control*, 6(5):12-27, 1960.
- KRYTER, K. D., and PEARSONS, K. S.: Some effects of spectral content and duration on perceived noise level. *Journal of the Acoustical Society of America*, 35(6):866-883, 1963.
- KRYTER, K. D., and WILLIAMS, C. E.: Loudness and noisiness of sounds. (Abstract) *Journal of the Acoustical Society of America*, 32:1523, 1960.
- MH-2238 (R01) CRANDALL, VAUGHN J., and CRANDALL, VIRGINIA: Parents influence on children's achievement behavior. Fels Research Institute, Yellow Springs, Ohio (1958- )
- CRANDALL, V.: Achievement. In: Stevenson, H., ed. *The 62nd Yearbook of the National Society for Student Education*. Part I. Chicago, University of Chicago Press, 1963, p. 416-459.
- CRANDALL, V., DEWEY, RACHEL, KATKOVSKY, W., and PRESTON, ANNE: Parents' attitudes and behaviors and grade school children's academic achievements. *Journal of Genetic Psychology*, 104:53-66, 1964.
- CRANDALL, V., KATKOVSKY, W., and PRESTON, ANNE: A conceptual formulation of some research on children's achievement development. *Child Development*, 31:787-797, 1960.
- CRANDALL, V., KATKOVSKY, W., and PRESTON, ANNE: Motivational and ability determinants of young children's intellectual achievement behaviors. *Child Development*, 33:643-661, 1962.
- CRANDALL, V., and PRESTON, ANNE: Verbally expressed needs and overt maternal behaviors. *Child Development*, 32:261-270, 1961.
- CRANDALL, V., PRESTON, ANNE, and RADSON, ALICE: Maternal reactions and the development of independence and achievement behavior in young children. *Child Development*, 31:243-251, 1960.
- CRANDALL, V., and RADSON, ALICE: Children's repetition choices in an intellectual achievement situation following success and failure. *Journal of Genetic Psychology*, 97:161-168, 1960.
- CRANDALL, V., and SINKELDAM, CAROL: Children's dependent and achievement behaviors in social situations and their perceptual field dependence. *Journal of Personality*, 32:1-22, 1964. (Also acknowledges MH-1260).

- CRANDALL, V., SOLOMON, D., and KELLAWAY, R.: A comparison of the patterned and non-patterned probability learning of adolescent and early grade school-age children. *Journal of Genetic Psychology*, 99:29-39, 1961.
- CRANDALL, V. C., CRANDALL, V. J., and KATKOVSKY, W.: A children's social desirability questionnaire. *Journal of Consulting Psychology*, 29(1): 27-36, 1965.
- CRANDALL, V. C., KATKOVSKY, W., and CRANDALL, V. J.: Children's beliefs in their own control of reinforcements in intellectual-academic achievement situations. *Child Development*, 36(1):91-109, 1965.
- CRANDALL, VIRGINIA: Reinforcement effects of adult reactions and non-reactions on children's achievement expectations. *Child Development*, 34:335-354, 1963.
- CRANDALL, VIRGINIA: Achievement behavior in young children. *Young Children*, 20(2):77-90, 1964.
- CRANDALL, VIRGINIA, GOOD, SUZANNE, and CRANDALL, V.: Reinforcement effects of adult reactions and non-reactions on children's achievement expectations: A replication study. *Child Development*, 35:485-497, 1964.
- KATKOVSKY, W., PRESTON, ANNE, and CRANDALL, V.: Parents' attitudes toward their personal achievements and toward the achievement behaviors of their children. *Journal of Genetic Psychology*, 104:67-82, 1964.
- KATKOVSKY, W., PRESTON, ANNE, and CRANDALL, V.: Parents' attitudes and their behavior with their children in achievement situations. *Journal of Genetic Psychology*, 104:105-121, 1964.
- SUTTON-SMITH, B.: Play preference and play behavior: A validity study. *Psychological Reports*, 16:65-66, 1965.
- WATERS, E., and CRANDALL, V. J.: Social class and observed maternal behavior from 1940 to 1960. *Child Development*, 35(4):1021-1032, 1964. (Also acknowledges MH-1260).
- MH-2241 (R10) GOTTLIEB, JACQUES S., and LOWINGER, PAUL: Evaluation of drug therapy on psychiatric outpatients. Lafayette Clinic, Detroit, Mich. (1958-63)
- BRAUN, R., and LOWINGER, P.: Clinical evaluation of trimeglamide in anxiety. *American Journal of Psychiatry*, 116:163-164, 1959.
- HSU, JOHN J., BRAUN, ROBERT A., DOMINO, EDWARD F., LOWINGER, PAUL, SCHORER, CALVIN E., and BRUCK, MORRIS: Clinical evaluation of hydroxphenamate in psychotic patients. *Diseases of the Nervous System*, 24:750-751, 1963.
- LOWINGER, P.: Evaluation of mephanoaloxone in a single- and double-blind design. *American Journal of Psychiatry*, 120:66-67, 1963.
- LOWINGER, P., and GOTTLIEB, J.: Drug treatment of schizophrenic outpatients. In: Scher, S., and Davis, H., eds. *The outpatient treatment of schizophrenia*. New York, Grune & Stratton, 1960, p. 129-134.
- SCHORER, C., and LOWINGER, P.: Methylonyl dioxaloxone: A clinical trial. *American Journal of Psychiatry*, 116:359-360, 1959.
- SCHORER, C., and LOWINGER, P.: Deanol: A clinical trial. *Diseases of the Nervous System*, 20:267-268, 1959.
- MH-2242 (R01) GUZE, SAMUEL B.: Behavior responses to psychopharmacological agents. Washington University, St. Louis, Mo. (1958-60)
- TUASON, V. B., and GUZE, S. B.: The effect of psychopharmacologic agents on behavior, measured by the interaction chronograph. *Clinical Pharmacology and Therapeutics*, 2:152-156, 1961.
- TUASON, V. B., GUZE, S. B., MCCLURE, J., and BEGUELIN, J.: A further study of some features of the interview with the interaction chronograph. *American Journal of Psychiatry*, 118:438-446, 1961.
- MH-2244 (R01) RIETMAN, H. JEROME, ANDERSON, MILTON H., CLARKE, FOGLE C., HARLAN, W. L., and STEGMAN, ERWIN J.: Comparative effects of ataractic drugs. Woodmere State Hospital, Evansville, Ind. (1958-62)
- CLARK, F. C.: Some observations on the adventitious reinforcement of drinking under food reinforcement. *Journal of the Experimental Analysis of Behavior*, 5(1):61-63, 1962. (Also acknowledges MH-4335).
- CLARK, F. C., and STEELE, B. J.: Some observations on the interaction of chlorpromazine and free operant avoidance bursts. *Psychopharmacologia*, 4:221-231, 1963.
- KARN, W. N., JR., and KASPER, S.: Pharmacologically induced Parkinson-like signs as an index of therapeutic potential. *Diseases of the Nervous System*, 20:119-122, 1959.
- MITOS, S. B.: Learning in the post-electroshock period. *Journal of Clinical Psychology*, 16:187-188, 1960.
- MITOS, S. B.: Personal constructs and the semantic differential. *Journal of Abnormal and Social Psychology*, 62:433-444, 1961.
- STEGMAN, E. J., CLARK, F. C., ZWISLER, M. M., STEELE, B. J., and LANE, R. L.: Apparatus for the study of apparent motion thresholds. *Perceptual and Motor Skills*, 17:267-273, 1963.

- MH-2249 (R17) BRIDGER, WAGNER H.: Psychophysiological studies in child development. Yeshiva University, New York, N.Y. (1958-63)
- BLOCK, J. D., and BRIDGER, W. H.: The "law of initial value" in psychophysiology. In: Rhythmic functions in the living system. Annals of the New York Academy of Science, 98:1229, 1962.
- BRIDGER, W. H.: Signal systems and the development of cognitive functions. In: Central nervous system and behavior, Transactions of the 3rd Conference of the Josiah Macy, Jr. Foundation, New York, 1960.
- BRIDGER, W. H.: Sensory functions of the human neonate. *Activitas Nervosa Superior*, 3(1):13-20, 1961.
- BRIDGER, W. M.: Sensory habituation and discrimination in the human neonate. *American Journal of Psychiatry*, 117:991-996, 1961.
- BRIDGER, W. H.: Sensory discrimination and autonomic function in the newborn. *Journal of Child Psychiatry*, 1:67-82, 1962.
- BRIDGER, W. H.: Convergences of Pavlovian and Freudian theories of thinking. In: Proceedings of the 3rd World Congress of Psychiatry. Vol. 1. Montreal, University of Toronto Press/McGill University Press, 1962, p. 317-320.
- BRIDGER, W. H.: Neurophysiological basis of schizophrenia. In: Proceedings of the 3rd World Congress of Psychiatry. Vol. 3. Montreal, University of Toronto Press/McGill University Press, 1962, p. 96-99.
- BRIDGER, WAGNER, H.: The effects of hunger and arousal on the sucking activity of new born infants, Chapter 12. In: Spiegel, I., ed. *Recent advances in biological psychiatry*. Vol. 4. New York, Plenum Press, 1962.
- BRIDGER, W. H.: Ethological concepts and human development. In: Wortis, J., ed. *Recent advances in biological psychiatry*. Vol. 4. New York, Plenum Press, 1962, p. 95-107.
- BRIDGER, W. H.: The neurophysiological accompaniments of sensory and sleep deprivation and their role in the production of psychological disturbances. In: Wortis, J., ed. *Recent advances in biological psychiatry*. New York, Plenum Press, 1963, p. 105-111.
- BRIDGER, W. H.: Contributions of conditioning principles to psychiatry. In: Pavlovian conditioning and American psychiatry. Symposium No. 9, Group for the advancement of psychiatry. Topeka, Kansas, 1964, p. 181-198.
- BRIDGER, W. H., and BIRNS, B.: Neonates' behavioral and autonomic response to stress during soothing. In: Wortis, J., ed. *Recent advances in biological psychiatry*. Vol. 5. New York, Plenum Press, 1963, p. 1-6.
- BRIDGER, W. H., and LOPEZ, T.: Greater resistance to extinction after continuous reinforcement than after partial reinforcement. *Psychological Reports*, 15:563-569, 1964.
- BRIDGER, W. H., and MANDEL, I. J.: A comparison of GSR fear responses produced by threat and electric shock. *Journal of Psychiatric Research*, 2:31-40, 1964.
- BRIDGER, W. H., and REISER, M. F.: Psychophysiological studies of the neonate: An approach toward the methodological and theoretical problems involved. *Psychosomatic Medicine*, 21:265-276, 1959.
- MH-2253 (R03) COLLIAS, NICHOLAS E., and COLLIAS, ELSIE C.: An ecological approach to animal behavior. University of Chicago, Chicago, Ill. (1958-58)
- COLLIAS, NICHOLAS E.: An ecological and functional classification of animal sounds. In: Lanyon, W. E., and Tavolga, W. N., eds. *Animal sounds and communication*. Washington, D.C., American Institute of Biological Sciences, 1960, p. 368-391. (Publication No. 7).
- MH-2254 (R01) ROBINS, ELI: Immunochemical investigations in schizophrenia. Washington University, St. Louis, Mo. (1958-62)
- MCCAMAN, MARILYN W., and ROBINS, ELI.: Fluorimetric method for the determination of phenylalanine in serum. *Journal of Laboratory and Clinical Medicine*, 59(5):885-890, 1962. (Also acknowledges MH-4591).
- ROBINS, ELI., CRONINGER, ADELE B., SMITH, KATHLEEN, and MOODY, ALFONSO CORZO: Studies in N-acetyl neuraminic acid in the cerebrospinal fluid in schizophrenia. *Annals of the New York Academy of Sciences*, 96(1):390-391, 1962.
- MH-2255 (R01) SPIRO, MELFORD E.: Socialization, personality and belief systems. University of Washington, Seattle, Wash. (1958-63)
- SPIRO, MELFORD E.: A typology of social structure and the patterning of social institutions: A cross-cultural study. *American Anthropologist*, 67(5):1097-1119, 1965.
- MH-2257 (R01) SHEVRIN, HOWARD, LUBORSKY, LESTER, and STROSS, LAWRENCE: Preconscious perception in dreams & waking images. Menninger Foundation, Topeka, Kan. (1958- )
- LUBORSKY, L., and SHEVRIN, M. S.: Artificial induction of day residues: An illustration and an examination. *Bulletin of the Philadelphia Association*



- of *Psychoanalysis*, 12:149-167, 1962. (Also acknowledges MH-3854).
- SHEVRIN, H.: The origin of images in dreams. *Menninger Quarterly*, 15:6-10, 1961.
- SHEVRIN, H., and LUBORSKY, J.: The Rebus technique: A method for studying primary-process transformations of briefly exposed pictures. *Journal of Nervous and Mental Diseases*, 133:479-488, 1961.
- STROSS, L., and SHEVRIN, H.: Differences in thought organization between hypnosis and the waking state: An experimental approach. *Bulletin of the Menninger Clinic*, 26:237-247, 1962.
- MH-2258 (R01) DAVIS, ROGER T.: The role of learning in homeostatic drives. State University of South Dakota, Vermillion, S.D. (1958-59)
- JORGENSEN, R. L., and DAVIS, R. T.: Response strength as a function of rate of reward. *Journal of Psychology*, 52:403-410, 1961.
- MH-2261 (R01) BENDER, MORRIS B., PASIK, PEDRO, and PASIK, TAUBA: Neurophysiologic aspects of visual discrimination. Mount Sinai Hospital, New York, N.Y. (1958- )
- PASIK, P., and BENDER, M. B.: Oculomotor function in monkeys with lesions of the superior colliculi. *Excerpta Medica*, (International Congressional Series 38):75-76, 1961.
- PASIK, P., and BENDER, M. B.: Visuo-oculomotor behavior in monkeys with lesions of superior colliculi and neighboring structures. (Abstract) *Federation Proceedings*, 24(2)Part I:275, 1965.
- PASIK, P., and PASIK, T.: Oculomotor functions in monkeys with lesions of the cerebrum and the superior colliculi. In: Bender, M. B., ed. *The oculomotor system*. New York, Hoeber, 1964. p. 40-80.
- PASIK, P., PASIK, T., BATTERSBY, W. S., and BENDER, M. B.: Positional vs. "go, no-go" form discriminations by monkeys with bitemporal lesions. *American Psychologist*, 13:414, 1958.
- PASIK, P., PASIK, T., BATTERSBY, W. S., and BENDER, M. B.: Visual and tactual discriminations by macaques with serial temporal and parietal lesions. *Journal of Comparative and Physiological Psychology*, 51:427-436, 1958.
- PASIK, P., PASIK, T., and BENDER, M. B.: Effects of hemidecortication upon various types of induced nystagmus in the monkey. (Abstracts of Communications). In: 21st International Congress of Physiological Sciences, Buenos Aires, 1959, p. 207.
- PASIK, P., PASIK, T., and BENDER, M. B.: Oculomotor function following cerebral hemidecortication in the monkey: A study with special reference to optokinetic and vestibular nystagmus. *A. M. A. Archives of Neurology*, 3:298-305, 1960.
- PASIK, P., PASIK, T., and BENDER, M. B.: Light discrimination after additional brain damage in monkeys with bilateral striatectomy. (Abstract) *Federal Proceedings*, 20(Part 1):328, 1961.
- PASIK, P., PASIK, T., and BENDER, M. B.: Cortically induced vertical eye movements in monkeys with occipital and collicular lesions. (Abstract) *Federation Proceedings*, 22:338, 1963.
- PASIK, P., PASIK, T., and BENDER, M. B.: D. C. recordings of ocular movements after eye evisceration in the monkey. *Physiologist*, 6:250, 1963.
- PASIK, PEDRO, PASIK, TAUBA, and BENDER, MORRIS B.: Recovery of the electro-oculogram after total ablation of the retina in monkeys. *Electroencephalography and Clinical Neurophysiology*, 19(3):291-297, 1965.
- PASIK, P., PASIK, T., and KRIEGER, H. P.: Effects of cerebral lesions upon optokinetic nystagmus in monkeys. *Journal of Neurophysiology*, 22, 297-304, 1959.
- PASIK, PEDRO, and SCHILDER, PETER: Luminous flux judgments by normal monkeys. (Abstract) *Federation Proceedings*, 25(2):208, 1966.
- PASIK, T.: Behavioral studies on extrageniculostriate vision in monkeys. *Excerpta Medica*, (International Congress Series No. 38):77, 1961.
- PASIK, TAUBA: Extrageniculostriate vision in the monkey: Critical structures. (Abstract) *Federation Proceedings*, 25(2):574, 1966.
- PASIK, TAUBA, and PASIK, PEDRO: Role of subcortical structures and commissural systems in optokinetic nystagmus in the monkey. (Abstract) *Federation Proceedings*, 23(2)Part I:415, 1964.
- PASIK, TAUBA, and PASIK, PEDRO: Optokinetic nystagmus: An unlearned response altered by section of chiasma and corpus callosum in monkeys. *Nature*, 203:609-611, 1964.
- PASIK, T., PASIK, P., BATTERSBY, W. S., and BENDER, M. B.: Target size and visual form discrimination in monkeys with bitemporal lesions. *Federation Proceedings*, 17:122, 1958.
- PASIK, T., PASIK, P., BATTERSBY, W. S., and BENDER, M. B.: Some characteristics of the visual deficit produced by bitemporal lesions in macaques. (Abstracts of Communications) In: 21st International Congress of Physiological Sciences, Buenos Aires, 1959, p. 206-207.
- PASIK, T., PASIK, P., BATTERSBY, W. S., and BENDER, M. B.: Factors influencing visual behavior of monkeys with bilateral temporal lesions. *Journal of Comparative Neurology*, 115:89-102, 1960.

- PASIK, T., PASIK, P., and BENDER, M. B.: Electro-oculogram and corneo-retinal potentials. *Federation Proceedings*, 18:113, 1959.
- PASIK, T., PASIK, P., and BENDER, M. B.: Neuroophthalmology. In: Spiegel, E., ed. *Progress in neurology and psychiatry*. Vol. 14. New York, Grune & Stratton, 1959, p. 193-207.
- PASIK, T., PASIK, P., & BENDER, M. B.: Optokinetic nystagmus upon stimulation of an akinetic eye in the monkey. *Confina Neurologica*, 21:109-118, 1961.
- PASIK, T., PASIK, P., and BENDER, M. B.: Visual and oculomotor function in monkeys with lesions of the superior colliculi. *Transactions of the American Neurological Association*, 86:229-331, 1961.
- PASIK, T., PASIK, P., and BENDER, M. B.: Blink response to light in monkeys with ablation of striate cortex and/or superior colliculi. *Federation Proceedings*, 21:349, 1962.
- PASIK, T., PASIK, P., and SCHILDER, P.: Differential thresholds for visual pattern discrimination in normal and brain-damaged monkeys. (Abstract) *Physiologist*, 6:250, 1963.
- VALCIUKAS, J. A., and PASIK, T.: Influences of illumination on pattern discrimination thresholds in monkeys with temporal lobe lesions. (Abstract) *Federations Proceedings*, 24(2)Part 1:274, 1965.
- MH-2262 (R01) KRUS, DONALD M., and WAPNER, SEYMOUR: Behavioral effects of lysergic acid diethylamide. Clark University, Worcester, Mass. (1958- )
- BERGEN, J. R., KRUS, D. M., BEISAW, N. E., KOELLA, W. P., and PINCUS, G.: Central nervous system and behavior: Some properties of progesterone. *Excerpta Medica*, 51:117, 1962. (Also acknowledges MH-2211 and MH-2967).
- BERGEN, J. R., KRUS, D. M., and PINCUS, G. G.: Suppression of LSD-25 effects in rats by steroids. *Proceedings of the Society for Experimental Biology and Medicine*, 105:254, 1960. (Also acknowledges MH-1322).
- COMALLI, P. E., KRUS, D. M., and WAPNER, S.: Cognitive functioning in two groups of aged: One institutionalized, the other living in the community. *Journal of Gerontology*, 20:9-13, 1965. (Also acknowledges MH-348).
- KRUS, D., and WAPNER, S.: Effect of lysergic acid diethylamide (LSD-25) on perception of part-whole relationships. *Journal of Psychology*, 48: 87-95, 1959.
- KRUS, D. M., and WAPNER, S.: Effect of LSD on pace of performing a variety of tasks. *Perceptual and Motor Skills*, 14:255-259, 1962.
- KRUS, D. M., WAPNER, S., BERGEN, J., and FREEMAN, H.: The influence of progesterone on behavioral changes induced by lysergic acid diethylamide (LSD-25) in normal males. *Psychopharmacologia*, 2:177-184, 1961. (Also acknowledges MH-2262).
- KRUS, D., WAPNER, S., and FREEMAN, H.: Effects of reserpine and iproniazid (Marsilid) on space localization. *A. M. A. Archives of Neurology and Psychiatry*, 80:768-770, 1958.
- KRUS, D. M., WAPNER, S., FREEMAN, H., and CASEY, T. M.: Differential behavioral responsivity to LSD-25. *Archives of General Psychiatry*, 8: 557-563, 1963.
- RESNICK, OSCAR, KRUS, DONALD M., and RASKIN, MILTON: Accentuation of the psychological effects of LSD-25 in normal subjects treated with reserpine. *Life Sciences*, 4(14):1433-1437, 1965.
- RESNICK, O., KRUS, D., RASKIN, M., and FREEMAN, H.: Reserpine action in subjects treated with monoamine oxidase inhibitors. *A. M. A. Archives of General Psychiatry*, 8:481-486, 1963. (Also acknowledges MH-2936).
- RESNICK, O., KRUS, D., RASKIN, M., and FREEMAN, H.: The effects of orally ingested L-tryptophan in MAO inhibited subjects. (Abstract) *Federation Proceedings*, 22(2)Part 1:510, 1963. (Also acknowledges MH-2936).
- RESNICK, O., KRUS, D. M., RASKIN, M., and HOAGLAND, H.: Reversal of LSD-25 action by chronic pretreatment with Marplan in humans. *Federation Proceedings*, 23:175, 1964. (Also acknowledges MH-2936).
- RESNICK, O., KRUS, D., RASKIN, M., RIVERA, M., and FREEMAN, H.: The effect of pretreatment with monoamine oxidase inhibitors on reserpine action in normal subjects and in schizophrenic patients. In: *Proceedings of the 3rd World Congress of Psychiatry*. Vol. 1. Montreal, University of Toronto Press/McGill University Press, 1961, p. 638-642. (Also acknowledges MH-2936).
- WAPNER, S., and KRUS, D.: Behavioral effects of lysergic acid diethylamide (LSD-25). *A. M. A. Archives of General Psychiatry*, 1:417-419, 1959.
- WAPNER, S., and KRUS, D.: Effects of lysergic acid diethylamide, and differences between normals and schizophrenics on the Stroop Color-Word Test. *Journal of Neuropsychiatry*, 2:76-81, 1960.
- MH-2263 (R01) PETERSON, RUTH D., BEATTY, C. H., DIXON, HENRY H., and WEST, EDWARD S.: Effect of tranquilizing drugs on tissue metabolism. University of Oregon Medical School, Portland, Ore. (1958-63)
- BEATTY, C. H., MARCO, A., PETERSON, R. D., BOCEK, R. M., and WEST, E. S.: Acetoacetic acid

- metabolism by skeletal muscle fibers from control and diabetic rats. *Journal of Biological Chemistry*, 235:2774, 1960.
- BEATTY, C. H., PETERSON, R. D., and BOCEK, R. M.: Effect of insulin on carbohydrate metabolism of skeletal muscle fibers, and diaphragm from control and pancreatectomized rats. *Journal of Biological Chemistry*, 235:277-281, 1960.
- BEATTY, C. H., PETERSON, R. D., and BOCEK, R. M.: Metabolism of red and white muscle fiber groups. *American Journal of Physiology*, 204: 939-942, 1963.
- BEATTY, C. H., PETERSON, R. D., BOCEK, R. M., CRAIG, N. C., and WELEBER, R.: Effect of glucagon on incorporation of glycine- $^{14}\text{C}$  into protein of voluntary skeletal muscle. *Endocrinology*, 73:721, 1963.
- PETERSON, R. D., BEATTY, C. H., and BOCEK, R. M.: Effects of insulin and glucagon on carbohydrate and protein metabolism of adductor muscle and diaphragm. *Endocrinology*, 72:71-77, 1963.
- PETERSON, R. D., BEATTY, C. H., DIXON, H. H., and West, E. S.: The effects of tranquilizing drugs on muscle metabolism. *Journal of Neuropsychiatry*, 5:86-91, 1963.
- MH-2264 (R01) DAVIS, ROGER T.: Effect of irradiation on aging in monkeys. State University of South Dakota, Vermillion, S.D. (1958-62)
- COCHARANE, R., and DAVIS, R. T.: Guided choice training of young monkeys. *Psychological Reports*, 9:223-226, 1961.
- DAVIS, R. T.: Supplementary report: Effects of age and radiation on the gross behavior of monkeys. *Psychological Reports*, 11:738-740, 1962.
- DAVIS, R. T.: Chronic effects of ionizing radiations and the hypothesis that irradiation produces aging-like changes in behavior. *Journal of Genetic Psychology*, 102:311-324, 1963.
- DAVIS, R. T., and LOVELACE, W. E.: Variable rewards and peripheral cues in discriminations by irradiated and nonirradiated monkeys. *Journal of Genetic Psychology*, 103:201-205, 1963.
- DAVIS, R. T., LOVELACE, W. E., and MCKENNA, V. V.: Size constancy as a function of aging and X-ray irradiation in rhesus monkeys. *Animal Behaviour*, 12:16-24, 1964.
- DAVIS, R. T., and McDONALD, A. L.: Perception of oddity by monkeys as a function of aging and radiation. *Psychological Reports*, 11:383-386, 1962.
- DAVIS, R. T., and STRELE, J. P.: Performance selection through radiation death in rhesus monkeys. *Journal of Psychology*, 56:119-136, 1963. (Also acknowledges MH-530).
- FITZGERALD, R. D., and DAVIS, R. T.: The role of preference and reward in the selection of discriminanda by naive and sophisticated rhesus monkeys. *Journal of Genetic Psychology*, 97:227-235, 1960.
- LOVELACE, W. E., and DAVIS, R. T.: Minimum-separable visual acuity of rhesus monkeys as a function of aging and whole body radiation with x-rays. *Journal of Genetic Psychology*, 103:251-257, 1963.
- MH-2267 (R01) SCOVILLE, WILLIAM B., and CORRELL, ROBERT E.: Role of rhinencephalon in memory functions. Hartford Hospital, Hartford, Conn. (1958- )
- CORRELL, R. E., and SCOVILLE, WILLIAM B.: Effects of medial temporal lesions on visual discrimination performance. *Journal of Comparative and Physiological Psychology*, 60(2):175-181, 1965.
- CORRELL, R. E., and SCOVILLE, W. B.: Performance on delayed match following lesions of medial temporal lobe structures. *Journal of Comparative and Physiological Psychology*, 60(3):360-367, 1965.
- MH-2269 (R01) WALLACH, MICHAEL A., BRUNER, JEROME S., and KOGAN, NATHAN: The nature and causes of cognitive changes in aging. Age Center of New England, Boston, Mass. (1958-61)
- KOGAN, N., and WALLACH, M. A.: Certainty of judgment and the evaluation of risk. *Psychological Reports*, 6:207-213, 1960.
- KOGAN, N., and WALLACH, M. A.: Age changes in values and attitudes. *Journal of Gerontology*, 16: 272-280, 1961. (Also acknowledges MH-1867).
- KOGAN, N., and WALLACH, M. A.: The effect of anxiety on relations between subjective age and caution in an older sample. In: Hoch, P. H., and Zubin, J., eds. *Psychopathology of aging*. New York, Grune & Stratton, 1961, p. 123-135.
- WALLACH, M. A.: Art, science, and representation: Toward an experimental psychology of aesthetics. *Journal of Aesthetics and Art Criticism*, 18:159-173, 1959.
- WALLACH, M. A.: Two correlates of symbolic sexual arousal: Level of anxiety and liking for aesthetic material. *Journal of Abnormal and Social Psychology*, 61:396-401, 1960.
- WALLACH, M. A.: Active-analytical vs. passive-global cognitive functioning. In: Messick, S., and Ross, J. *Measurement in personality and cognition*. New York, Wiley, 1962, p. 199-215.

- WALLACH, M. A., and GAHM, R. C.: Personality functions of graphic constriction and expansiveness. *Journal of Personality*, 28:73-88, 1960.
- WALLACH, M. A., and GAHM, R. C.: Effects of anxiety level and extraversion-introversion on probability learning. *Psychological Reports*, 7: 387-398, 1960.
- WALLACH, M. A., and GREEN, L. R.: On age and the subjective speed of time. *Journal of Gerontology*, 16:71-74, 1961.
- WALLACH, M. A., GREEN, L. R., JIPSITT, P. D., and MINEHART, J. B.: Contradiction between overt and projective personality indicators as a function of defensiveness. *Psychological Monographs*, 76(1):1-23, 1962. (Whole No. 520).
- WALLACH, MICHAEL A., and GREENBERG, CAROL.: Personality functions of symbolic sexual arousal to music. *Psychological Monographs*, 74(7):1-18, 1960. (Whole No. 494).
- WALLACH, M. A., and KOGAN, N.: Sex differences and judgment processes. *Journal of Personality*, 27:555-564, 1959.
- WALLACH, M. A., and KOGAN, N.: Aspects of judgment and decision making: Interrelationships and changes with age. *Behavioral Science*, 6:23-36, 1961.
- MH-2270 (R01) WALDROP, WILLIAM F., and FARLEY, JANE: Study of functional deafness. Presbyterian-St. Lukes Hospital, Chicago, Ill. (1958-60)
- FARLEY, J. C., WALDROP, W., DERBYSHIRE, A. J., CARTER, R. L., AUSTIN, D. F., MCCORMICK, C., and MILLS, P. J.: Psychic factors in hearing loss. *Annals of Otolaryngology, Rhinology, and Laryngology*, 69(3):731-746, 1960.
- MH-2271 (R01) LEHRMAN, DANIEL S.: Psychological studies of behavior. Rutgers—The State Univ., Newark, N.J. (1958- )
- ERICKSON, C. J., and LEHRMAN, D. S.: Effect of castration of male ringdoves upon ovarian activity of females. *Journal of Comparative and Physiological Psychology*, 58(2):164-166, 1964.
- LEHRMAN, D. S.: Hormonal responses to external stimuli in birds. *Ibis*, 101:478-496, 1959.
- LEHRMAN, D. S.: On the origin of the reproductive behavior cycle in doves. *Transactions of the New York Academy of Sciences*, 21:682-688, 1959.
- LEHRMAN, D. S.: Hormonal regulation of parental behavior in birds and infrahuman mammals. In: Young, W. C., ed. *Sex and internal secretions*. Baltimore, Williams & Wilkins, 1961, p. 1268-1382.
- LEHRMAN, D. S.: Varieties of learning and memory in animals. In: Schmitt, F. O., ed. *Macromolecular specificity and biological memory*. Cambridge, Mass., MIT Press, 1962.
- LEHRMAN, D. S.: Ethology and psychology. *Recent Advances in Biological Psychiatry*, 4:86-94, 1962.
- LEHRMAN, D. S.: Interaction of hormonal and experiential influences on development of behavior. In: Bliss, E. L., ed. *Roots of behavior*. New York, Harper, 1962, p. 142-156.
- LEHRMAN, D. S., and BRODY, P.: Does prolactin induce incubation behavior in the ringdove? *Journal of Endocrinology*, 22:269-275, 1961.
- LEHRMAN, D. S., and BRODY, P. N.: Effect of prolactin on established incubation behavior in the ringdove. *Journal of Comparative and Physiological Psychology*, 57(2):161-165, 1964.
- LEHRMAN, D. S., BRODY, P., and WORTIS, R. P.: The presence of the mate and of nesting material as stimuli for the development of incubation behavior and for gonadotropin secretion in the ringdove (*Streptopelia risoria*). *Endocrinology*, 68:507-516, 1961.
- LEHRMAN, D. S., and WORTIS, R. P.: Previous breeding experience and hormone-induced incubation behavior in the ringdove. *Science*, 132:1667-1668, 1960.
- LEHRMAN, D. S., WORTIS, R. P., and BRODY, P.: Gonadotropin secretion in response to external stimuli of varying duration in the ringdove (*Streptopelia risoria*). *Proceedings of the Society for Experimental Biology and Medicine*, 106:298-300, 1961.
- MH-2272 (R01) KRIVOV, WILLIAM A.: The mechanism of action of lysergic acid diethylamide. Tulane University, New Orleans, La. (1958-59) (Continued as MH-3477).
- GUILLEMIN, R., and KRIVOV, W.: L'hormone melanophoretique (B-MSH) joue-t-elle un rôle dans les fonctions du système nerveux central chez les mammifères supérieurs? *Comptes Rendus Hebdomadaires des Séances de L'Académie des Sciences*, 250:1117-1119, 1960. (Also acknowledges MH-3477).
- KRIVOV, W.: Potentiation of substance P by lysergic acid diethylamide "in vivo." *British Journal of Pharmacology*, 16:253-256, 1960. (Also acknowledges MH-3477).
- KRIVOV, W.: The action of analgesic agents on positive after-potentials of frog sciatic nerve. *Journal of Pharmacology and Experimental Therapeutics*, 129:186-190, 1960. (Also acknowledges MH-3477).
- KRIVOV, W.: A comparison of the action of substance P and other naturally occurring polypeptides on spinal cord. *Proceedings of the Society of*

- Bosnia and Herzegovina-Yugoslavia*, 1:131-137, 1961. (Also acknowledges MH-3477).
- KRIVOV, W., BODANSZKY, M., and LANDE, S.: Neurological and oxytocic actions of some nonapeptides related to bradykinin. (Abstract) *Biochemical Pharmacology*, 12(Supplement):179-180, 1961. (Also acknowledges MH-3477).
- KRIVOV, W., and GUILLEMIN, R.: On a possible role of  $\beta$ -melanocyte stimulating hormone ( $\beta$ -MSH) in the central nervous system of the mammalia: An effect of  $\beta$ -MSH in the spinal cord of the cat. *Endocrinology*, 69:170-175, 1961. (Also acknowledges MH-3477).
- KRIVOV, W., and GUILLEMIN, R.: Antagonism of chlorpromazine by beta-melanocyte stimulating hormone ( $\beta$ -MSH). *Experimentia*, 18:20-21, 1962. (Also acknowledges MH-3477).
- KRIVOV, W., and HUGGINS, R.: The action of morphine, methadone, meperidine, and nalorphine on dorsal root potentials of cat spinal cord. *Journal of Pharmacology and Experimental Therapeutics*, 134:210-213, 1961. (Also acknowledges MH-3477).
- KRIVOV, W., and KROEGER, D.: Chlorpromazine inhibition of the positive intermediary potential. *Proceedings of the Society for Experimental Biology and Medicine*, 109:30-32, 1962. (Also acknowledges MH-3477).
- KRIVOV, W., and KROEGER, D.: The neurogenic activity of high potency substance P. *Experimentia*, 19:366-367, 1963. (Also acknowledges MH-3477).
- KRIVOV, W. A., LANE, M., CHILDERS, H. E., and GUILLEMIN, R.: On the action of  $\beta$ -MSH on spontaneous electric discharge of the transparent knife fish, "*G. eigenmannia*." *Experimentia*, 18:521-522, 1962. (Also acknowledges MH-3477).
- KRIVOV, W., LANE, M., and KROEGER, D.: The actions of certain polypeptides on synaptic transmission. *Annals of the New York Academy of Sciences*, 104:312-325, 1963. (Also acknowledges MH-3477).
- KRIVOV, W., LANE, M., and KROEGER, D.: The effects of drugs on the electric knife fish, "*Eigenmannia virescens*." *Proceedings of the Society for Experimental Biology and Medicine*, 114:640-644, 1963. (Also acknowledges MH-3477).
- KROEGER, D., GONZALES, F., and KRIVOV, W.: Transmembrane potentials of cultured mouse dental pulp cells. *Proceedings of the Society for Experimental and Biological Medicine*, 108:134-136, 1961. (Also acknowledges MH-3477).
- KROEGER, D. C., and KRIVOV, W.: The interaction between chlorpromazine and bradykinin. (Abstract) *Pharmacologist*, 4:174, 1962. (Also acknowledges MH-3477).
- LONG, J., KRIVOV, W., and GUILLEMIN, R.: On a possible role of  $\beta$ -melanocyte stimulating hormone ( $\beta$ -MSH) in the central nervous system of the mammalia: Enzymatic inactivation in vitro of  $\beta$ -MSH by brain tissue. *Endocrinology*, 69:176-181, 1961. (Also acknowledges MH-3477).
- MH-2273 (R01) HEISTAD, GORDON T.: Effects of drugs on conditioned emotional responses. University of Minnesota, Minneapolis, Minn. (1958-62).
- HEISTAD, GORDON T., and TORRES, AURELIO A.: A mechanism for the effect of a tranquilized drug on learned emotional responses. *University of Minnesota Medical Bulletin*, 30:518-527, 1959.
- THOMPSON, TRAVIS: Effect of chlorpromazine on "aggressive" responding in the rat. *Journal of Comparative and Physiological Psychology*, 54:398-400, 1961.
- THOMPSON, TRAVIS: The effect of two phenothiazines and a barbiturate on extinction-induced rate increase of a free operant. *Journal of Comparative and Physiological Psychology*, 55:714-718, 1962.
- THOMPSON, T., HEISTAD, G. T., and PALERMO, D. S.: The effect of amount of training on rate and duration of responding during extinction. *Journal of the Experimental Analysis of Behavior*, 6:155-161, 1963.
- MH-2276 (R17) LEIDERMAN, P. HERBERT: Effects of emotional stimuli on mental processes. Harvard Medical School, Boston, Mass. (1958-63).
- LEIDERMAN, P. H.: Image and sensory deprivation. In: *Proceedings of the 3rd World Congress of Psychiatry*. Vol. 3. Montreal, University of Toronto Press/McGill University Press, 1961, p. 227-231.
- LEIDERMAN, P. H.: Man alone: Sensory deprivation and behavioral change. *Corrective Psychiatry and Journal of Social Therapy*, 8:64-74, 1962.
- LEIDERMAN, P. H., KUBZANSKY, P. E., MENDELSON, J., WEXLER, D., and SOLOMON, P.: Contributions of sensory deprivation to the study of human behavior. In: Janota, O., and Wolf, E., eds. *Neuroses I. Czechoslovakian Psychiatric Congress Proceedings with International Participation 1959*. Praha, Czechoslovakia, 1961, p. 177-183.
- LEIDERMAN, P. H., and MENDELSON, J. H.: Some psychiatric and social aspects of the defense-shelter program. *New England Journal of Medicine*, 266:1149-1155, 1962.
- LEIDERMAN, P. H., MENDELSON, J., KUBZANSKY, P., WEXLER, D., and DUToIT, C.: Catechol amine excretion and behavior during sensory deprivation. *A. M. A. Archives of General Psychiatry*, 2:147-155, 1960.

- LEIDERMAN, P. H., and SHAPIRO, D.: Application of a time series statistic to physiology and psychology. *Science*, 138:141-142, 1962. (Also acknowledges MH-4209).
- LEIDERMAN, D. H., and SHAPIRO, D.: A physiological and behavioral approach to the study of group interaction. *Psychosomatic Medicine*, 25:146-157, 1963. (Also acknowledges MH-4209).
- LEIDERMAN, P. H., and SHAPIRO, O.: Studies on the galvanic skin potential level: Some behavioral correlates. *Journal of Psychosomatic Research*, 7:277-281, 1964. (Also acknowledges MH-4209).
- LEIDERMAN, P. H., SOLOMON, P., KUBZANSKY, P., MENDELSON, J. H., and WEXLER, D.: Sensory deprivation. *Science*, 129:221-223, 1959.
- SHAPIRO, DAVID, and LEIDERMAN, P. HERBERT: Studies on the galvanic skin potential level: Some statistical properties. *Journal of Psychosomatic Research*, 7:269-275, 1964. (Also acknowledges MH-4209).
- SHAPIRO, D., and LEIDERMAN, P. H.: Acts and activation: A psychophysiological study of social interaction. In: Leiderman, P. H., and Shapiro, D., eds. *Psychobiological approaches to social behavior*. Stanford, Calif., Stanford Univ. Press, 1964, p. 110-126. (Also acknowledges MH-4209).
- SHAPIRO, D., LEIDERMAN, P. H., and MORNINGSTAR, M.: Social isolation and social interaction: A behavioral and physiological comparison. In: Wortis, J., ed. *Recent advances in biological psychiatry*. New York, Plenum Press, 1964, p. 129-138. (Also acknowledges MH-4209).
- MH-2278 (R01) ARMSTRONG, MARVIN D.: Aromatic metabolism and mental functioning. Fels Research Institute, Yellow Springs, Ohio. (1958- )
- ARMSTRONG, MARVIN D.: Biochemistry of phenylketonuria. In: Lyman, F. L., ed. *Monograph on phenylketonuria*. Springfield, Ill., C. C. Thomas, 1963, p. 62-95.
- ARMSTRONG, M. D., CENTERWALL, W. R., HORNER, F. A., LOW, N. L., and WHIL, W. B., JR.: The development of biochemical abnormalities in phenylketonuric infants. In: Chemical pathology of the nervous system. New York, Pergamon Press, 1961, p. 38-48.
- ARMSTRONG, MARVIN D., and McMILLAN, ARMAND: Studies on the formation of 3-methoxy-4-hydroxy-D-mandelic acid, a urinary metabolite of norepinephrine and epinephrine. *Pharmacological Reviews*, 11:394-401, 1959. (Also acknowledges MH-655).
- ARMSTRONG, M. D., and SHAW, K. N. F.: Origin of the 3-hydroxyphenyl acids in human urine. In: Congress of International Biochemistry, Resumes communs., 4th Congress, Vienna, 1958, p. 152.
- ARMSTRONG, M. D., YATES, K., KAKIMOTO, Y., TANIGUCHI, K., and KNAPP, T.: Excretion of  $\beta$ -aminobisobutyric acid by man. *Journal of Biological Chemistry*, 238:1447, 1963.
- ARMSTRONG, M. D., YATES, K. N., and STEMMER-MANN, M. G.: An occurrence of argininosuccinic aciduria. *Pediatrics*, 33:280, 1964.
- GJESSING, L., and ARMSTRONG, M. D.: Occurrence of (-)-sympatol in oranges. *Proceedings of the Society for Experimental Biology and Medicine*, 114:226-229, 1963.
- KAKIMOTO, Y., and ARMSTRONG, M. D.: Identification of octopamine in animals treated with monoamine oxidase inhibitors. *Federation Proceedings*, 19(1):295, 1960.
- KAKIMOTO, Y., and ARMSTRONG, M. D.: The preparation and isolation of D-(-)- $\beta$ -aminoisobutyric acid. *Journal of Biological Chemistry*, 236:3283-3286, 1961.
- KAKIMOTO, Y., and ARMSTRONG, M. D.: The phenolic amines of human urine. *Journal of Biological Chemistry*, 237:208-214, 1962.
- KAKIMOTO, Y., and ARMSTRONG, M. D.: On the identification of octopamine in mammals. *Journal of Biological Chemistry*, 237:422-427, 1962.
- KAPPE, T., and ARMSTRONG, M. D.: A self-condensation reaction of 2- and 4-hydroxymandelamines. *Journal of Organic Chemistry*, 28:3554-3556, 1963.
- KAPPE, T., and ARMSTRONG, M. D.: Preparation of D- and L-octopamine. *Journal of Medical Chemistry*, 7:569-571, 1964.
- KAPPE, T., and ARMSTRONG, M. D.: A new synthesis of 2, 2-diarylethylamines. *Journal of Organic Chemistry*, 29:826-829, 1964.
- KAPPE, THOMAS, and ARMSTRONG D.: Ultraviolet absorption spectra and apparent acidic dissociation constants of some phenolic amines. *Journal of Medicinal Chemistry*, 8(3):368-374, 1965.
- NOLAN, C., and ARMSTRONG, M. D.: Occurrence of ethylvanillic acid in human urine and its metabolism. *Proceedings of the Society for Experimental Biology and Medicine*, 103:716-718, 1960.
- TANIGUCHI, K., and ARMSTRONG, M. D.: The enzymatic formation of o-hydroxy-phenylacetic acid. *Journal of Biological Chemistry*, 238:4091-4097, 1963.
- TANIGUCHI, K., KAPPE, T., and ARMSTRONG, M. D.: Further studies on phenylpyruvate oxidase. Occurrence of side chain rearrangement and comparison with p-hydroxyphenylpyruvate oxidase. *Journal of Biological Chemistry*, 239:3389-3395, 1964.
- TANIGUCHI, KAZUMI, KAKIMOTO, YASUO, and ARMSTRONG, MARVIN D.: Quantitative determination

- of metanephrine and normetanephrine in urine. *Journal of Laboratory and Clinical Medicine*, 64: 469-484, 1964.
- YATES, K., and ARMSTRONG, M. D.: Studies on  $\beta$ -aminoisobutyric acid excretion by familial high excretors. *Federation Proceedings*, 21:268, 1962.
- MH-2279 (R01) SINGER, JEROME L.: Dimensions of fantasy and imagination. Columbia University, New York, N.Y. (1958-62)
- ANTROBUS, JOHN S., ANTROBUS, JUDITH S., and SINGER, JEROME L.: Eye movements accompanying daydreaming, visual imagery, and thought suppression. *Journal of Abnormal and Social Psychology*, 69(3):244-252, 1964. (Also acknowledges MH-3267).
- ANTROBUS, J. S., and SINGER, J. L.: Visual signal detection as a function of sequential variability of simultaneous speech. *Journal of Experimental Psychology*, 68(6):603-610, 1964.
- SINGER, JEROME L.: Imagination and waiting behavior in children. *Journal of Personality*, 29: 396-412, 1960.
- SINGER, JEROME L.: Recent research on dreams and daydreams. In: Abt, L., and Riess, B. F., eds. *Progress in clinical psychology*. New York, Grune & Stratton, 1963, p. 88-111.
- SINGER, JEROME L.: Motivational models in the stimulation of neurosis. In: Tomkins, S. S., and Messick, S., eds. *Computer simulation of personality*. New York, Wiley, 1963, p. 181-186.
- SINGER, JEROME L.: Exploring man's imaginative world. *Teachers College Record*, 66(2):165-179, 1964.
- SINGER, JEROME L., and ANTROBUS, JOHN S.: A factor-analytic study of daydreaming and conceptually-related cognitive and personality variables. *Perceptual and Motor Skills*, 17(monograph suppl. 3):187-209, 1963.
- SINGER, JEROME L., and McCRAVEN G.: Some characteristics of adult daydreaming. *Journal of Psychology*, 51:151-164, 1961.
- SINGER, JEROME L., and McCRAVEN, VIVIAN G.: Daydreaming patterns of American subcultural groups. *International Journal of Social Psychiatry*, 8:272-282, 1962.
- SINGER, JEROME L., and ROWE, RICHARD: An experimental study of some relationships between daydreaming and anxiety. *Journal of Consulting Psychology*, 26:446-454, 1962.
- SINGER, JEROME L., and SCHONBAR, ROSALEA A.: Correlates of daydreaming: A dimension of self-awareness. *Journal of Consulting Psychology*, 25: 1-6, 1961.
- MH-2283 (R01) ROSEN, BERNARD C.: Psychosocial origins of achievement motivation. University of Connecticut, Storrs, Conn. (1958-61) (Continued as MH-5589).
- ROSEN, BERNARD C.: Family structure and achievement motivation. *American Sociological Review*, 26:574-585, 1961.
- ROSEN, BERNARD C.: Socialization and achievement motivation in Brazil. *American Sociological Review*, 27:612-624, 1962.
- ROSEN, B. C.: Social class and the child's perception of the parent. *Child Development*, 35(4): 1147-1153, 1964.
- ROSEN, BERNARD C.: The achievement syndrome and economic growth in Brazil. *Social Forces*, 42(3): 341-354, 1964. (Also acknowledges MH-5589).
- MH-2286 (R01) WEINSTOCK, SOLOMON, and HARRIS, SHELBY: An analysis of the response sequence in animals. Lehigh University, Bethlehem, Pa. (1958-60)
- BENJAMIN, J. M., JR., RAUCH, R. M., HARRIS, S. J., and WEINSTOCK, SOLOMON: A system for recording the order and duration of an animal's path in a runway. *American Journal of Psychology*, 79(1):128-133, 1966.
- FOZARD, JAMES L.: Trial spacing in instrumental running. *Psychological Reports*, 18(2):623-630, 1966.
- HARRIS, SHELBY J., SMITH, M. GLENN, and WEINSTOCK, SOLOMON: Effects of nonreinforcement on subsequent reinforced running behavior. *Journal of Experimental Psychology*, 64:388-392, 1962.
- MH-2289 (R01) ISAAC, WALTER: The reticular activating system in behavior. Emory University, Atlanta, Ga. (1958-61)
- ISAAC, WALTER: Evidence for a sensory drive in monkeys. *Psychological Reports*, 11:175-181, 1962. (Also acknowledges MH-2195).
- ISAAC, WALTER: A reply to Dr. Leuba's comments. *Psychological Reports*, 12:342, 1963. (In reference to the following: Isaac, W. *Evidence for a sensory drive in monkeys*. *Psychological Reports*, 11:175-181, 1962. Leuba, C. *Comments on Isaac's "Evidence for a sensory drive in monkeys."* *Psychological Reports*, 12:14, 1963). (Also acknowledges MH-2195).
- ISAAC, WALTER, and BAKER, E. J.: A changing effect of cortical ablation with age. *Journal of Comparative and Physiological Psychology*, 56:167-168, 1963.
- ISAAC, WALTER, and REED, WALTER G.: The effect of sensory stimulation on the activity of cats. *Journal of Comparative and Physiological Psychology*, 54:677-678, 1961.

- MIZE, DONNA, and ISAAC, WALTER: Effects of sodium pentobarbital and d-amphetamine on latency of the escape response in the rat. *Psychological Reports*, 10:643-645, 1962.
- MH-2291 (R01) STEVENSON, HAROLD W.: Reinforcement effects in normal and retarded children. University of Texas, Austin, Texas. (1958-59) (Continued as MH-3519).
- CRUSE, D. B.: The effects of distraction upon the performance of brain injured and familial retarded children. *American Journal of Mental Deficiency*, 66:86-92, 1961.
- STEVENSON, H. W.: Learning of complex problems by normal and retarded subjects. *American Journal of Mental Deficiency*, 64:1021-1026, 1960.
- STEVENSON, H. W., and FAHEL, LIELA S.: The effect of social reinforcement on the performance of institutionalized and noninstitutionalized normal and feeble-minded children. *Journal of Personality*, 29:136-147, 1961.
- STEVENSON, H. W., and SNYDER, L. C.: Performance as a function of the interaction of incentive conditions. *Journal of Personality*, 28:1-11, 1960.
- MH-2292 (R01) MILLER, LOVICK C.: Parental environment and childhood maladjustment. Child Guidance Clinic, Louisville, Ky. (1958- )
- MILLER, LOVICK C.: Q-sort agreement among observers of children. *American Journal of Orthopsychiatry*, 34:71-75, 1964.
- MH-2293 (R01) BUSH, ROBERT R., GALANTER, EUGENE, LUCE, R. DUNCAN, and MOSTELLER, FREDERICK: Theoretical studies of human choice behavior. Columbia University, New York, N.Y. (1958-59)
- BUSH, R. R., GALANTER, E., and LUCE, R. D.: Tests of the "beta model." In: Bush, R. R., and Estes, W. K., eds. *Studies in mathematical learning theory*. Stanford, Calif., Stanford University, 1959, p. 382-399.
- BUSH, R. R., and STERNBERG, S. H.: A single-operator model. In: Bush, R. R., and Estes, W. K., eds. *Studies in mathematical learning theory*. Stanford, Calif., Stanford University, 1959, p. 204-214.
- DERKS, PETER L.: The generality of the "conditioning axiom" in human binary prediction. *Journal of Experimental Psychology*, 63:538-545, 1962.
- GALANTER, E., and BUSH, R. R.: Some T-maze experiments. In: Bush, R. R., and Estes, W. K., eds. *Studies in mathematical learning theory*. Stanford, Calif., Stanford University, 1959, p. 265-289.
- STERNBERG, S. H.: A path-dependent linear model. In: Bush, R. R., and Estes, W. K., eds. *Studies in mathematical learning theory*. Stanford, California, Stanford University Press, 1959, p. 308-339.
- STERNBERG, S. H.: Application of four models to sequential dependence in human learning. In: Bush, R. R., and Estes, W. K., eds. *Studies in mathematical learning theory*. Stanford, California, Stanford University Press, 1959, p. 340-381.
- MH-2296 (R01) FARBER, I. E.: Determinants of reactions to success and failure. State University of Iowa, Iowa City, Iowa. (1958-63)
- FARBER, I. E.: The things people say to themselves. *American Psychologist*, 13:185-197, 1963.
- FARBER, I. E.: A framework for the study of personality as a behavioral science. In: Worchel, P., and Bryne, D., eds. *Personality and personality change*. New York, Wiley, 1964, p. 3-37.
- GOLIN, S.: Incubation effect: Role of awareness in an immediate versus delayed test of conditioned emotionality. *Journal of Abnormal and Social Psychology*, 63:534-539, 1961.
- MH-2297 (R01) ADAMS, JOE K., and ADAMS, PAULINE A.: The study of appropriateness of confidence. Stanford University, Stanford, Calif. (1958-59)
- ADAMS, JOE K., and ADAMS, PAULINE A.: Realism of confidence judgments. *Psychological Review*, 68:33-45, 1961.
- MH-2302 (R01) OSTFELD, ADRIAN M., ABOOD, LEO G., and BIEL, JOHNS: Studies with new hallucinogens. University of Illinois, Chicago, Ill. (1958-62)
- KRILL, A. E., ALPERT, H., and OSTFELD, A. M.: Hallucinogenic agent in blind subjects. *Archives of Ophthalmology*, 69(2):180-186, 1963.
- KRILL, A. E., WIELAND, A., and OSTFELD, A. M.: The effect of two hallucinogenic agents on human retinal function. *A. M. A. Archives of Ophthalmology*, 64:724-733, 1960.
- LEBOVITS, B. Z., VISOTSKY, H. M., and OSTFELD, A. M.: LSD and JB-318. A comparison of two hallucinogens. Part I. *A. M. A. Archives of General Psychiatry*, 2:390-407, 1960.
- LEBOVITS, B. Z., VISOTSKY, H. M., and OSTFELD, A. M.: Lysergic acid diethylamide (LSD) and JB-318: A comparison of two hallucinogens. Part II. *A. M. A. Archives of General Psychiatry*, 3:176-187, 1960.
- LEBOVITS, B. Z., VISOTSKY, H. M., and OSTFELD, A. M.: LSD and JB-318: A comparison of two hallucinogens. Part III. Qualitative analysis and



- summary of findings. *Archives of General Psychiatry*, 7:39-45, 1962.
- OSTFELD, A. M.: Effects of LSD-25 and JB-318 on tests of visual and perceptual functions in man. *Federation Proceedings*, 20(4):876-884, 1961.
- OSTFELD, A. M., and ARUGUETE, A.: Central nervous system effects of hyoscine in man. *Journal of Pharmacology and Experimental Therapeutics*, 137(1):133-139, 1962.
- OSTFELD, A. M., MACHNE, X., and UNNA, K. R.: The effects of atropine on electrocortical activity and behavior in man. *Journal of Pharmacology and Experimental Therapeutics*, 128:265-272, 1960.
- OSTFELD, A. M., VISOTSKY, A., ABOOD, L. G., and LEBOVITS, B. Z.: Studies with a new hallucinogen: Some dosage response data for JB-318. *A. M. A. Archives of Neurology and Psychiatry*, 81:256-263, 1959.
- ROSMAN, RICHARD R.: The tilting-chair tilting-rod task: A methodological note. *Perceptual and Motor Skills*, 10:9-10, 1960.
- MH-2304 (R01) STOCK, DOROTHY, LIEBERMAN, MORTON, and WHITMAN, ROY M.: The crucial episode in group therapy. University of Chicago, Chicago, Ill. (1957-62) (Continued from MH-1048).
- CUMMINGS, S. T., and STOCK, D.: Brief group therapy of mothers of retarded children outside of the specialty clinic setting. *American Journal of Mental Deficiency*, 66:739-749, 1962.
- LIEBERMAN, M. A., STOCK, D., and WHITMAN, R. M.: Self-perceptual patterns among ulcer patients. *Archives of General Psychiatry*, 1:167-176, 1959.
- STOCK, D.: Interpersonal concerns during the early sessions of therapy groups. *International Journal of Group Psychotherapy*, 12:14-26, 1962.
- WHITMAN, R. M., LIEBERMAN, M. A., and STOCK, D.: The relation between individual and group focal conflicts in psychotherapy. *International Journal of Group Psychotherapy*, 10:259-286, 1960.
- MH-2306 (R01) REISER, MORTON F., BLOCK, JAMES D., and CORMAN, HARVEY: Mental imagery and ANS response to visual stimuli. Yeshiva University, New York, N.Y. (1958-63)
- BLOCK, JAMES D., and REISER, MORTON F.: Physiological changes in relation to recognized and unrecognized stimuli. *Psychosomatic Medicine*, 22:323-324, 1960.
- BLOCK, JAMES D., and REISER, MORTON F.: Discrimination and recognition of weak stimuli. I. Psychological and physiological relationships. *A. M. A. Archives of General Psychiatry*, 6(1):25-36, 1962.
- CORMAN, H. H., ESCALONA, S. K., and REISER, MORTON F.: Visual imagery and preconscious thought processes. *A. M. A. Archives of General Psychiatry*, 10:160-172, 1964.
- CORMAN, H. H., ESCALONA, S. K., and REISER, MORTON F.: Visual imagery and preconscious thought processes. *Bulletin (Association for Psychoanalytic Medicine)*, 3(4):54-57, 1964.
- REISER, MORTON F., and BLOCK, JAMES D.: Discrimination and recognition of weak stimuli: II. A possible autonomic feedback mechanism. *A. M. A. Archives of General Psychiatry*, 6(1):37-38, 1962.
- MH-2311 (R01) FOSHBE, JAMES G., and CROMWELL, RUE L.: Activity level in defectives and normals. Clover Bottom Hospital and School, Donelson, Tenn. (1958-60) (Continued as MH-4391).
- CROMWELL, RUE L.: Theory and research in activity level. *Training School Bulletin*, 59:134-141, 1963. (Also acknowledges MH-4391).
- CROMWELL, RUE L., BAUMEISTER, A., and HAWKINS, W. F.: Research in activity level. In: Ellis, N., ed. *Handbook of mental deficiency*. New York, McGraw-Hill, 1963, p. 632-663. (Also acknowledges MH-4391).
- CROMWELL, R. L., and CALDWELL, D. F.: A comparison of ratings based on personal constructs of self and others. *Journal of Clinical Psychology*, 18:43-46, 1962. (Also acknowledges MH-4391).
- CROMWELL, R. L., and FOSHBE, J. G.: Studies in activity level. IV. Effects of visual stimulation during task performance in mental defectives. *American Journal of Mental Deficiency*, 65:248-251, 1960.
- CROMWELL, RUE L., POLK, B. E., and FOSHBE, J. G.: Studies in activity level. V. The relationships among eyelid conditioning, intelligence, activity level, and age. *American Journal of Mental Deficiency*, 65:744-748, 1961. (Also acknowledges MH-4391).
- GARDNER, W. I., CROMWELL, R. L., and FOSHBE, J. G.: Studies in activity level. II. Effects of distal visual stimulation in organics, familials, hyperactives, and hypoactives. *American Journal of Mental Deficiency*, 63:1028-1033, 1959.
- HAWKINS, WILLIAM F., and CROMWELL, RUE L.: Need states and activity level. *Psychological Bulletin*, 61:438-453, 1964. (Also acknowledges MH-4391).
- MCCONNELL, THOMAS R., JR., CROMWELL, RUE L., BIALER, IRVING, and SON, CHOOON D.: Studies in activity level: VII. Effects of amphetamine drug

- administration on the activity level of retarded children. *American Journal of Mental Deficiency*, 68(5):647-651, 1964.
- SPRADLIN, J. E., CROMWELL, R. L., and FOSHEE, J. G.: Studies in activity level. III. Effects of auditory stimulation in organics, familials, hyperactives, and hypoactives. *American Journal of Mental Deficiency*, 64:754-757, 1959.
- WOLFENBERGER, W. P., MILLER, M. B., FOSHEE, J. G., and CROMWELL, R. L.: Rorschach correlates of activity level in high school children. *Journal of Consulting Psychology*, 26:269-272, 1962. (Also acknowledges MH-4391).
- MH-2312 (R01) MASSERMAN, JULES H.: Role of nonaversive conflicts in behavior. Northwestern University, Chicago, Ill. (1958-64)
- AARONS, L., MASSERMAN, JULES H., and MCAVOY, T.: Brain stimulation, experience and behavior. *American Journal of Psychiatry*, 118:982-994, 1962.
- AARONS, L., SCHULMAN, J., MASSERMAN, J. H., and ZIMMER, G. P.: Behavioral adaptations after parietal cortex ablation in the neonate macaque. In: Wortis, J., ed. *Recent advances in biological psychiatry*. Vol. 4. New York, Grune & Stratton, 1962, p. 347-359.
- BERNSTEIN, I. S.: The utilization of visual cues in dimension-abstract oddity by primates. *Journal of Comparative and Physiological Psychology*, 54: 243-247, 1961.
- MASSERMAN, JULES M.: Masochism—a biodynamic review. In: Masserman, J. H., ed. *Science and psychoanalysis*. II. Individual and familial dynamics. New York, Grune & Stratton, 1959, p. 73-84.
- MASSERMAN, JULES H.: A versatile multiple choice apparatus for the study of animal behavior. *Journal of Nervous and Mental Disease*, 130(6):547-553, 1960.
- MASSERMAN, JULES H.: Drugs, brain and behavior: An experimental approach. *Journal of Neuropsychiatry*, 3(Suppl. 1):104-113, 1962.
- MASSERMAN, JULES H.: A tachistoscopic glance at recent advances in the neuro-physiology of behavior. *Israel Annals of Psychiatry and Related Disciplines*, 2:244-254, 1963.
- MASSERMAN, J. H., AARONS, L., SCHULMAN, J. L., and WECHKIN, S.: Effects of neonate cortical ablations in the macaque. In: Wortis, J., ed. *Recent advances in biological psychiatry*. Vol. 6. New York, Plenum Press, 1964, p. 55-62.
- MASSERMAN, JULES H., AARONS, L., and WECHKIN, S.: The effect of positive-choice conflicts on normal and neurotic monkeys. *American Journal of Psychiatry*, 120:481-484, 1963.
- MASSERMAN, J. H., WECHKIN, S., and TERRIS, W.: "Altruistic" behavior in rhesus monkeys. *American Journal of Psychiatry*, 121:584-585, 1964.
- PECHTEL, C., MASSERMAN, JULES H., and AARONS, L.: Food acceptance in monkeys. In: Wortis, J., ed. *Recent advances in biological psychiatry*. Vol. 3. New York, Grune & Stratton, 1961, p. 228-235. (Also acknowledges MH-730).
- WECHKIN, STANLEY, MASSERMAN, JULES H., and TERRES, WILLIAM, JR.: Shock to a conspecific as an aversive stimulus. *Psychonomic Science*, 1:(2): 47-48, 1964.
- MH-2314 (R01) SOLEM, ALLEN R.: Modification of negative reactions to retirement. University of Maryland, College Park, Md. (1958-59)
- SOLEM, A. R.: A study of reactions to retirement. *Personnel Administration*, 26(3):8-16, 1963.
- MH-2316 (R01) PORTEUS, STANLEY D.: Duration of mental deficits following chlorpromazine. University of Hawaii, Honolulu, Haw. (1958-60)
- PORTEUS, S. D.: Mental changes in psychopharmacology. In: Uhr, Leonard, and Miller, James G., eds. *Drugs and behavior*. New York, Wiley, 1960, p. 372-374.
- PORTEUS, S. D., BARCLAY, J. E., CULVER, H. S., and KLEMAN, J. P.: Measurement of subconscious memory. *Perceptual and Motor Skills*, 10(Monograph Suppl. No. 2):215-229, 1960.
- PORTEUS, S. D., and KEILMAN, J. P.: A new anthropometric approach. *Mankind Quarterly* (Scotland), 1(1):23-30, 1960.
- MH-2318 (R01) HELPER, MALCOLM, GARFIELD, SOL, and WILCOTT, ROBERT C.: Effects of chlorpromazine on learning in children. University of Nebraska, Omaha, Nebr. (1958-62)
- GARFIELD, S. L., HELPER, M. M., WILCOTT, R. C., and MUFFLY, R.: Effects of chlorpromazine on behavior in emotionally disturbed children. *Journal of Nervous and Mental Disease*, 135:147-154, 1962.
- HELPER, M. M., GARFIELD, S. L., and WILCOTT, R. C.: Electrodermal reactivity and rated behavior in emotionally disturbed children. *Journal of Abnormal and Social Psychology*, 66:600-603, 1963.
- HELPER, M. M., WILCOTT, R. C., and GARFIELD, S. L.: Effects of chlorpromazine on learning and related processes in emotionally disturbed children. *Journal of Consulting Psychology*, 27:1-9, 1963.
- WILCOTT, R. C., HELPER, M. M., and GARFIELD, S. L.: Some psychophysiological effects of chlorpromazine on emotionally disturbed children. *Journal of Nervous and Mental Disease*, 135:233-238, 1962.

- MH-2322 (R01) SHAW, EVELYN: The ontogeny of schooling behavior. *American Museum of Natural History*, New York, N.Y. (1958-61)
- SHAW, EVELYN: Schooling fishes. *Natural History*, 48(10):592-596, 1959.
- SHAW, E.: The development of schooling behavior in fish. *Physiological Zoology*, 33:79-86, 1960.
- SHAW, E.: Minimal light intensity and the dispersal of schooling fish. *Bulletin de L'Institut Océanographique* (Monaco), 1213:1-8, 1961.
- SHAW, E.: The ABC's of schooling in fishes. *Midway*, No. 8, October, 1961.
- SHAW, E.: The development of schooling in fishes. II. *Physiological Zoology*, 34:263-272, 1961.
- SHAW, EVELYN: Schooling fishes. *Scientific American*, 206(6):128-240, 1962.
- SHAW, E., and CAHN, P. H.: The first demonstration of cupulae in the mugiliformes. *Copeia*, 2:109-114, 1962.
- SHAW, E., and RUBINOFF, I.: Hybridization in two sympatric species of atherid fishes "Menidia menidia" (Linnaeus) and "Menidia beryllina" (Cope). *American Museum of Natural History Novitates*, 1999:1-13, 1960.
- MH-2323 (R01) CHINNOCK, ROBERT F., ACOSTA, PHYLLIS B., and CENTERWALL, WILLARD R.: Early detection and prevention of phenylketonuria. Loma Linda University, Los Angeles, Calif. (1958-64)
- ACOSTA, P. B., and CENTERWALL, WILLARD R.: Phenylketonuria: Dietary management. *Journal of American Dietetic Association*, 36:206-211, 1960.
- ACOSTA, P. B., and CHINNOCK, R. F.: Dietary management of phenylketonuria (PKU). *Medical Arts and Sciences*, 16:24-30, 1962.
- CENTERWALL, WILLARD R.: Phenylketonuria. *Medical Bulletin of the Children's Hospital* (Los Angeles), 6:83-90, 1959.
- CENTERWALL, WILLARD R.: Phenylketonuria: A general review. *Journal of the American Dietetic Association*, 36(3):201-205, 1960.
- CENTERWALL, WILLARD R., and CENTERWALL, S. A.: Phenylketonuria: Report of a survey to discover treatable siblings of institutionalized patients. *Medical Arts and Sciences*, 13:173-175, 1959.
- CENTERWALL, WILLARD R., CENTERWALL, S. A., ACOSTA, P. B., CHINNOCK, R. F., ARMON, V., and MANN, L.: Phenylketonuria. I. Dietary management of infants and young children. *Journal of Pediatrics*, 59:93-101, 1961.
- CENTERWALL, WILLARD R., CENTERWALL, S. A., ACOSTA, P. B., CHINNOCK, R. F., ARMON, V., and MANN, L.: Phenylketonuria. II. Results of treatment of infants and young children. *Journal of Pediatrics*, 59:102-118, 1961.
- CENTERWALL, WILLARD R., and CHINNOCK, ROBERT F.: Phenylketonuria. Replies from a letter to institutions for the mentally retarded. *Medical Arts and Sciences*, 15:5-7, 1961.
- CENTERWALL, WILLARD R., and NEFF, CHARLES A.: Phenylketonuria: A case report of children of Jewish ancestry. *Archives of Pediatrics*, 78:379-384, 1961.
- HENDERSON, R. A., and CENTERWALL, WILLARD R.: The attack on phenylketonuria: A pilot study. *Exceptional Children*, 27(5):260-263, 1961.
- MH-2325 (R03) LEWIS, LEON, and COSER, ROSE L.: Social structure and therapy of physically disabled. Stanford University, Stanford, Calif. (1958-58)
- COSER, ROSE LAUB: Alienation and the social structure. In: Freidson, Eliot, ed. *The hospital in modern society*. New York, Free Press of Glencoe, 1963, p. 231-265.
- LEWIS, LEON, and COSER, ROSE L.: The hazards in hospitalization. *Hospital Administration*, 5:25-45, 1960.
- MH-2328 (R01) PRONKO, NICHOLAS H., and KENYON, GRANT Y.: Meprobamate and laboratory-induced anxiety. University of Wichita, Wichita, Kan. (1958-60)
- KENYON, G. Y., and PRONKO, N. H.: Meprobamate and laboratory-induced anxiety. In: Uhr, L., and Miller, J. G., eds. *Drugs and behavior*. New York, John Wiley, 1960.
- PRONKO, N. H., and KENYON, G. Y.: Meprobamate and laboratory-induced anxiety. *Psychological Reports*, 5:217-238, 1959.
- PRONKO, N. H., and KENYON, G. Y.: Dexedrine (d-amphetamine sulfate) and laboratory-induced anxiety. *Psychological Reports*, 7:415-433, 1960.
- MH-2331 (R01) LAMBERT, WILLIAM W., and TRIANDIS, LEIGH M.: Socialization practices and cultural tensions. Cornell University, Ithaca, N.Y. (1958-63)
- LAMBERT, WILLIAM W.: Interpersonal behavior. In: Mussen, P., ed. *Handbook of research methods in child development*. New York, John Wiley & Sons, 1960, p. 854-944.
- LAMBERT, WILLIAM W., TRIANDIS, L. M., and WOLF, M.: Some correlates of beliefs in the malevolence and benevolence of supernatural beings: A cross-societal study. *Journal of Abnormal and Social Psychology*, 58:162-169, 1959.

- of six cultures, antecedents of child rearing. New York, John Wiley & Sons, 1964, 351 p.
- TRIANDIS, LEIGH MINTURN, and LAMBERT, WILLIAM W.: Pancultural factor analysis of reported socialization practices. *Journal of Abnormal and Social Psychology*, 62:631-639, 1961.
- TRIANDIS, LEIGH M., and LAMBERT, WILLIAM W.: Sources of frustration and targets of aggression: A cross-cultural study. *Journal of Abnormal and Social Psychology*, 62:640-648, 1961.
- MH-2333 (R01) HOFFMAN, MARTIN: Techniques and processes in moral development. Merrill Palmer Institute, Detroit, Mich. (1958-63)
- HOFFMAN, MARTIN L.: Childrearing practices and moral development: Generalizations from empirical research. *Child Development*, 34:295-318, 1963.
- MH-2337 (R01) KLING, JULIUS W.: Reward effects of intracranial stimulation. Brown University, Providence, R.I. (1958-60)
- KEESEY, R. E.: The relation between pulse frequency, intensity, and duration and the rate of responding for intracranial stimulation. *Journal of Comparative and Physiological Psychology*, 55: 671-678, 1962.
- KEESEY, R. E.: Intracranial reward delay and the acquisition rate of a brightness discrimination. *Science*, 143:702-703, 1963.
- KEESEY, RICHARD E.: Intracranial reward delay and the acquisition rate of a brightness discrimination. *Science*, 143:702-703, 1964.
- KLING, J. W., and MATSUMIYA, Y.: Relative reinforcement values of food and intracranial stimulation. *Science*, 135:668-670, 1962.
- MH-2338 (R01) BURTON, ROBERT M.: Metabolism of reserpine and related compounds. Washington University, St. Louis, Mo. (1958-61)
- BURTON, ROBERT M.: Alteration of tissue pyridine nucleotide levels and the central nervous system. In: Inhibitions of the nervous system and  $\gamma$ -aminobutyric acid. New York, Pergamon Press, 1960, p. 249-259.
- BURTON, ROBERT MAIN, KAPLAN, NATHAN O., GOLDIN, ABRAHAM, LEITENBERG, MILTON, and HUMPHREYS, STEWART R.: Interaction of nicotinamide with reserpine and chlorpromazine. III. Some effects on the diphosphopyridine nucleotide content in liver. *Archives Internationales de Pharmacodynamie et de Therapie*, 128(3-4):260-275, 1960.
- BURTON, ROBERT MAIN, and SALVADOR, RICHARD: The effect of chlorpromazine on nicotinamide interaction at the molecular level. *Annals of the New York Academy of Sciences*, 96(1):353-355, 1962.
- BURTON, ROBERT M., SALVADOR, RICHARD A., GOLDIN, ABRAHAM, and HUMPHREYS, STEWART R.: Interaction of nicotinamide with reserpine and chlorpromazine. II. Some effects on the central nervous system of the mouse. *Archives Internationales de Pharmacodynamie et de Therapie*, 128: 253-259, 1960.
- SALVADOR, RICHARD A., and BURTON, ROBERT MAIN: Inhibition of the methylation of nicotinamide by chlorpromazine. *Biochemical Pharmacology*, 14:1185-1196, 1965.
- SALVADOR, RICHARD A., HUMPHREYS, STEWART R., BURTON, ROBERT M., and GOLDIN, ABRAHAM: Effect of iproniazid on the antileukaemic action of reserpine. *Nature*, 190:723-724, 1961.
- MH-2339 (R03) RISS, WALTER: CNS control of food intake, energy output and emotion. State University of New York—Downstate Medical Center, Brooklyn, N.Y. (1958-59)
- RISS, W., JOHNSON, R. W., and FRIEDMAN, H. A.: Effect of hunger and opportunity to run on morphologic indices of drive level. *Journal of Comparative and Physiological Psychology*, 54:211-215, 1961.
- MH-2340 (R01) MANN, EDWARD C., and DOUGLAS, R. GORDON: Psychosomatic gestational disturbances and the child. Cornell University, New York, N.Y. (1958-62)
- GRIMM, ELAINE R.: Psychological investigation of habitual abortion. *Psychosomatic Medicine*, 24: 369-378, 1962.
- MANN, EDWARD C.: Habitual abortion. *American Journal of Obstetrics and Gynecology*, 77:706-718, 1959.
- MANN, EDWARD C.: Frigidity. *Clinical Obstetrics and Gynecology*, 3:739-758, 1960.
- MANN, EDWARD C., and McLARN, WILLIAM D.: The role of the uterine isthmus in cervical incompetence. *Surgical Forum*, 11:430-432, 1960.
- MANN, EDWARD C., McLARN, WILLIAM D., and HAYT, DAVID B.: The physiology and clinical significance of the uterine isthmus. Part I. The two-stage intrauterine balloon in the diagnosis and treatment of cervical incompetence. *American Journal of Obstetrics & Gynecology*, 81:209-222, 1961.
- MH-2347 (R01) O'BRIEN, DONOUGH: Aromatic amino acid metabolism in retarded children. University of Colorado Medical Center, Denver, Colo. (1958-64)

- O'BRIEN, D., and GRESHEK, A.: The abnormality of tryptophan metabolism in children with mongolism. *Archives of Diseases in Childhood*, 37(191):17-20, 1962.
- O'BRIEN, DONOUGH, HAAKE, WILHELMINA, and BRAID, BONNIE: Atropine sensitivity and serotonin in mongolism. *American Journal of Diseases of Children*, 100:873-874, 1960.
- O'BRIEN, D., and IBBOTT, F. A.: Microbiochemical techniques in pediatrics. In: Davidson, Israel, and Wells, B., eds. *Clinical diagnoses by laboratory methods*. 13th ed. Philadelphia, W. B. Saunders, 1962, p. 503-520.
- O'BRIEN, DONOUGH, and IBBOTT, FRANK A.: *Laboratory manual of pediatric micro- and ultra-microbiochemical techniques*. New York, Harper and Row, 1962, 340 p.
- O'BRIEN, DONOUGH, and JENSEN, CHARLOTTE B.: Pyridoxine dependency in two mentally retarded subjects. *Clinical Science*, 24(2):179-186, 1963.
- MH-2348 (R01) BECKER, GORDON M.: Decision-making with conflicting information. General Dynamics Corp., Gorton, Conn. (1959-59) (Continued as MH-3843)
- BECKER, G. M.: Decision making: Objective measures of subjective probability and utility. *Psychological Review*, 69:136-148, 1962. (Also acknowledges MH-3843)
- COHEN, D., WICKELGREN, W., and BECKER, G.: Decision making with incongruent information. Santa Barbara, Calif., General Electric Company: TEMPO, 1963. 44 p. (Publication No. SP-234). (Also acknowledges MH-3843).
- WICKELGREN, WAYNE A., and BECKER, GORDON M.: Decisions based on conflicting and inaccurate observations. *Journal of Mathematical Psychology*, 2(1):180-189, 1965.
- MH-2349 (R03) RABINER, EDWIN L., and GRAINICK, ALEXANDER: Rapport difficulties as indications for electroshock. High Point Hospital, Port Chester, N.Y. (1958-58)
- RABINER, EDWIN L., and GRAINICK, ALEXANDER: Transference-countertransference phenomena in choice of shock. *A. M. A. Archives of Neurological Psychiatry*, 81:517-521, 1959.
- RABINER, EDWIN L., REISER, MORTON F., SILVERBERG, J. WILLIAM, SCHACHT, LEATRICE, and GRAINICK, ALEXANDER: Method of assaying doctor-patient tensions. *A. M. A. Archives of General Psychiatry*, 4:553-560, 1961.
- MH-2350 (R01) KLINE, NATHAN S., and SAUNDERS, JOHN C.: A technic to investigate and predict drug response. Rockland State Hospital, Orangeburg, N.Y. (1958-62)
- CHAPPLE, ELIOT D., CHAPPLE, MARTHA F., WOOD, LUCIE A., MIKLOWITZ, AMY, KLINE, NATHAN S., and SAUNDERS, JOHN C.: Interaction chronograph method for analysis of differences between schizophrenics and controls. *Archives of General Psychiatry*, 3:160-167, 1960.
- WOOD, LUCIE A., MIKLOWITZ, AMY, CHAPPLE, ELIOT D., CHAPPLE, MARTHA F., KLINE, NATHAN S., and SAUNDERS, JOHN C.: The effect of phenothiazines on the interactional behavior of schizophrenic patients. *American Journal of Psychiatry*, 117(9):825-829, 1961.
- MH-2353 (R01) GUILFORD, JOY P., and SCHUSTER, DONALD H.: California accident repeater driver scales. University of Southern California, Los Angeles, Calif. (1958-60)
- SCHUSTER, D. H., and GUILFORD, J. P.: The psychometric prediction of problem drivers. *Traffic Safety Research Review*, December: 16-20, 1962.
- MH-2355 (R03) ZUCKERMAN, MARVIN: Parental attitudes in mothers of disturbed children. Indiana University, Bloomington, Ind. (1958-59)
- ZUCKERMAN, M., BARRETT, B. H., and BRAGIEL, R. M.: The parental attitudes of child guidance cases: I. Comparisons with normals, investigations of socioeconomic and family constellation factors, and relations to the parents reactions to the clinic. *Child Development*, 31:401-417, 1960.
- MH-2356 (R03) SOKAL, ROBERT R.: A critical evaluation of factor analysis. University of Kansas, Lawrence, Kan. (1958-58)
- SOKAL, R. R.: Factor analysis of biological correlations. *Biometrics*, 16:490-491, 1960.
- SOKAL, R. R., and DALY, H. V.: An application of factor analysis to insect behaviour. *University of Kansas Science Bulletin*, 42:1067-1097, 1961.
- SOKAL, R. R., DALY, H. V., and ROHLF, F. J.: Factor analytical procedures in a biological model. *University of Kansas Science Bulletin*, 42:1099-1121, 1961.
- MH-2357 (R03) STEINER, IVAN D.: Personality correlates of nonconforming behavior. University of Illinois, Urbana, Ill. (1958-59)
- STEINER, I. D.: Sex differences in the resolution of A-B-X conflicts. *Journal of Personality*, 28:118-128, 1960.
- STEINER, I. D., and PETERS, S. C.: Conformity and the A-B-X model. *Journal of Personality*, 26: 229-242, 1958.
- MH-2360 (R03) HAWKINS, DAVID R., and SANDIFER, MYRON G.: Drugs affecting mood, mentation,

- and sedation. University of North Carolina, Chapel Hill, N.C. (1958-59)
- HAWKINS, DAVID R., PACE, ROBERT, PASTERNAK, BERNARD, and SANDIFER, MYRON G., JR.: A multivariant psychopharmacologic study in normals. *Psychosomatic Medicine*, 23:1-17, 1961.
- MH-2362 (R03) SPIRITES, MORRIS A., and GUTH, PAUL S.: Mode of action of the hallucinogens. Hahnemann Medical College and Hospital, Philadelphia, Pa. (1958-59)
- GUTH, P. S., and SPIRITES, M. A.: An interaction in the central nervous system between serotonin and lysergic acid derivatives. In: Proceedings of the First International Congress of Neuropsychopharmacology, Rome, 1958. Amsterdam, Elsevier, 1959, p. 319-323.
- SPIRITES, M. A., GUTH, P. S., and POLLEY, E. H.: A central nervous system effect of a non-hallucinatory lysergic acid derivative. *Experientia*, 14:428, 1958.
- MH-2363 (R03) HULSE, STEWART H.: Behavioral effects of amount and percentage of reward. Johns Hopkins University, Baltimore, Md. (1958-59)
- HULSE, STEWART H., JR.: A precision liquid feeding system controlled by licking behavior. *Journal of the Experimental Analysis of Behavior*, 3:1-3, 1960.
- MH-2365 (R03) PARKER, JOSEPH B., JR.: Blood groups in manic-depressive patients. Duke University, Durham, N.C. (1958-59)
- PARKER, JOSEPH B., PARKER, THEILIE ALBERTA, and SPIELBERGER, CHARLES D.: Frequency of blood types in a homogeneous group of manic-depressive patients. *Journal of Mental Science*, 107(450): 936-942, 1961.
- MH-2368 (R03) WEBB, WARREN W.: Dimensions of meaning and perceptual dynamics. Vanderbilt University, Nashville, Tenn. (1958-59)
- WEBB, WARREN W.: Premorbid adjustment and the perception of meaning. *Perceptual and Motor Skills*, 17(3):762, 1963.
- MH-2372 (R03) WOLF, IRVIN S.: Effects of self-confidence and prestige on judgments. Denison University, Granville, Ohio. (1958-59)
- WOLF, I. S., and ZOLMAN, J. F.: Social influence: Self-confidence and prestige determinants. *Psychological Record*, 9:71-79, 1959.
- MH-2379 (R03) GRUNES, JEROME, and LAKEN, MARTIN: Initial attitudes to institutional life among aged. Drexel Home, Chicago, Ill. (1958-59)
- LAKIN, M., and LIEBERMAN, M.: On becoming an institutionalized aged person. In: Williams, R. H., Tibbitts, C., and Donahue, Wilma, eds. *Social and psychological aspect of aging*. New York, Columbia University Press, 1962, p. 650-654.
- LIEBERMAN, M. A., and LAKIN, M.: On becoming an institutionalized aged person. In: Williams, R. H., Tibbitts, C., and Donahue, Wilma, eds. *Processes of aging*. New York, Atherton Press, 1963, p. 475-503.
- MH-2380 (R03) HEFFERLINE, RALPH F.: Methodology of quantitative study of proprioception. Columbia University, New York, N.Y. (1958-59)
- HEFFERLINE, RALPH F.: The role of proprioception in the control of behavior. *Transactions of the New York Academy of Sciences, Series II*, 20(8): 739-764, 1958.
- MH-2381 (R01) STAATS, ARTHUR W., SCHUTZ, RICHARD E., and STAATS, CAROLYN K.: Operant conditioning and personality traits. Arizona State University, Tempe, Ariz. (1958-62)
- HEARD, W. G., FINLEY, J. R., and STAATS, A. W.: The relationship of intelligence-test scores to the ease of language conditioning. *Journal of Genetic Psychology*, 103:227-231, 1963.
- SCHUTZ, R. E., STAATS, A. W., and STAATS, C. K.: Conditionability of responses to occupational scale items of the Strong Vocational Interest Blank for Men. *Psychological Reports*, 10:447-450, 1962.
- STAATS, A. W.: Verbal habit-families, concepts, and the operant conditioning of word classes. *Psychological Review*, 68:190-204, 1961.
- STAATS, ARTHUR W., STAATS, CAROLYN K., and FINLEY, JUDSON R.: Operant conditioning of serially ordered verbal responses. *Journal of General Psychology*, 74:145-155, 1966.
- STAATS, A. W., STAATS, C. K., FINLEY, J. R., and HEARD, W. G.: Independent manipulation of meaning and "M." *Journal of General Psychology*, 69:253-260, 1963.
- STAATS, A. W., STAATS, C. K., FINLEY, J. R., and MINKS, K. A.: Meaning established by classical conditioning controlling associates to the UCS. *Journal of General Psychology*, 69:247-252, 1963.
- STAATS, A. W., STAATS, C. K., and HEARD, W. G.: Denotative meaning established by classical conditioning. *Journal of Experimental Psychology*, 61:300-303, 1961.
- STAATS, A. W., STAATS, C. K., HEARD, W. G., and FINLEY, J. R.: Operant conditioning of factor analytic personality traits. *Journal of General Psychology*, 66:101-114, 1962.

- STAATS, ARTHUR W., STAATS, CAROLYN K., and MINKIE, KARL A.: Operant conditioning of a class of word associates. *Journal of General Psychology*, 74:157-164, 1966.
- STAATS, C. K., STAATS, A. W., and HEARD, W. G.: Attitude development and ratio of reinforcement. *Sociometry*, 23:338-350, 1960.
- MH-2384 (R01) FINEMAN, ABRAHAM: Development of congenitally defective children. Children's Hospital Medical Center, Boston, Mass. (1958-59)
- FINEMAN, ABRAHAM D.: Ego development in boys with a congenital defect of the genitourinary system. *Journal of the American Academy of Child Psychiatry*, 2:636-652, 1963.
- MH-2385 (R01) SAPORTA, SOL: Development of consonant clusters in child language. Indiana University, Bloomington, Ind. (1958-61)
- CONTRERAS, H., and SAPORTA, S.: The validation of a phonological grammar. *Lingua*, 9:1-15, 1960.
- SAPORTA, S.: Spanish person markers. *Language*, 35:612-615, 1959.
- SAPORTA, S.: The application of linguistics to the study of poetic language. In: Sebeok, T. A., ed. *Style in language*. Cambridge, M. I. T. Press, 1960, p. 82-93.
- SAPORTA, S., ed.: Psycholinguistics. A book of readings. New York, Holt, Rinehart & Winston, 1961, 551 p.
- SAPORTA, S.: Phoneme distribution and language universals. In: Greenberg, J. H., ed. *Universals of language*. Cambridge, M. I. T. Press, 1963, p. 48-57.
- SAPORTA, S., BROWN, R. E., and WOLFE, D. W.: Toward the quantification of phonic interference. *Language and Speech*, 2:205-210, 1959.
- SAPORTA, S., and CONTRERAS, H.: A phonological grammar of Spanish. Seattle, Wash., University of Washington, 1962, 43 p.
- MH-2389 (R03) TROW, DONALD B.: A study of changes in group composition. Yale University, New Haven, Conn. (1958-59)
- TROW, D. B.: Membership succession and team performance. *Human Relations*, 13:259-269, 1960.
- MH-2390 (R03) TROSMAN, HARRY, and OFFENKRANTZ, WILLIAM: Studies in the psychophysiology of dreaming. University of Chicago, Chicago, Ill. (1958-59)
- TROSMAN, HARRY, RECHTSCHAFFEN, ALLAN, OFFENKRANTZ, WILLIAM, and WOLPERT, EDWARD: Studies in psychophysiology of dreams. IV. Relations among dreams in sequence. *Archives of General Psychiatry*, 3:602-607, 1960.
- MH-2397 (R01) SARASON, IRWIN G.: Interactive effects of anxiety and instructions. University of Washington, Seattle, Wash. (1958-60)
- SARASON, I. G.: Empirical findings and theoretical problems in the use of anxiety scales. *Psychological Bulletin*, 57:403-415, 1960.
- SARASON, I. G.: A note on anxiety, instructions and word association performance. *Journal of Abnormal and Social Psychology*, 62:153-154, 1961.
- SARASON, I. G.: The effects of anxiety and threat on the solution of a difficult task. *Journal of Abnormal and Social Psychology*, 62:165-168, 1961.
- SARASON, I. G., and PALOLA, E. G.: The relationship of test and general anxiety, difficulty of task, and experimental instructions to performance. *Journal of Experimental Psychology*, 59:185-191, 1960.
- WALTER, D., DENZLER, LORRAINE, and SARASON, I. G.: Anxiety and the intellectual performance of high school students. *Child Development*, 35:917-926, 1964.
- MH-2398 (R01) MOUNTJOY, PAUL T.: Response decrement to geometrical optical illusions. Denison University, Granville, Ohio. (1958-64)
- MOUNTJOY, PAUL T.: Monocular regard and decrement to the Muller-Lyer illusion. *Psychological Record*, 10:141-143, 1960.
- MOUNTJOY, PAUL T.: Fixation and decrement to the Muller-Lyer figure. *Psychological Record*, 10:219-223, 1960.
- MOUNTJOY, PAUL T.: Decrement to the Muller-Lyer illusion as a function of visual field size. *Journal of the Scientific Laboratories*, Denison University, 45:149-154, 1961.
- MOUNTJOY, PAUL T.: Intrasection decrement and intersession recovery to the Muller-Lyer figure. *Perceptual and Motor Skills*, 13:51-57, 1961.
- MOUNTJOY, PAUL T.: Spontaneous recovery of the Muller-Lyer illusion. *Journal of the Scientific Laboratories* (Denison University), 45:207-214, 1962.
- MOUNTJOY, PAUL T.: Müller-Lyer decrement as a function of number of adjustment trials and configurations of the illusion figure. *Psychological Record*, 13:471-481, 1963.
- MOUNTJOY, PAUL T.: Effects of self-instruction, information and misinformation upon decrement to the Mueller-Lyer figure. *Psychological Record*, 15(1):7-14, 1965.

- MOUNTJOY, PAUL T.: New illusory effect of the Muller-Lyer figure. *Journal of Experimental Psychology*, 71(1):119-123, 1966.
- MH-2399 (R01) BEIERWALTES, WILLIAM H.: Congenital hypothyroidism and mental retardation. University of Michigan, Ann Arbor, Mich. (1958-64)
- BEIERWALTES, W. H., CARR, E. A., JR., and HUNTER, R. L.: Hereditary increase in the thyroxine-binding sites in the serum alpha globulin. *Transactions of the Association of American Physicians*, 74:170-179, 1961.
- BEIERWALTES, W. H., CARR, E. A., JR., RAMAN, G., SPAFFORD, N. R., ASTER, R. A., and LOWREY, G. H.: Institutionalized cretins in the state of Michigan. *Journal of the Michigan State Medical Society*, 58:1077-1095, 1959.
- BEIERWALTES, W. H., CRANE, H. R., WEGST, A., SPAFFORD, N. R., and CARR, E. A., JR.: Radioactive iodine concentration in the fetal human thyroid gland from fall-out. *Journal of the American Medical Association*, 173:1895-1902, 1960.
- BEIERWALTES, W. H., DODSON, V. N., and WHEELER, A. H.: Thyroid autoantibodies in the family of cretins. *Journal of Clinical Endocrinology and Metabolism*, 19:179-182, 1959.
- BEIERWALTES, W. H., LOWREY, G. H., ASTER, R. A., RAMAN, G., and CARR, E. A., JR.: Congenital hypothyroidism. *Journal of the Michigan State Medical Society*, 58:927-934, 1959.
- BEIERWALTES, W. H., and ROBBINS, J.: Familial increase in the thyroxine-binding sites in serum alpha globulin. *Journal of Clinical Investigation*, 38:1683-1688, 1959.
- BEIERWALTES, W. H., SCHMIDT, R. W., DODSON, V. N., and CARR, E. A., JR.: Rabbit pregnancies after immunization with extract of thyroid gland. *Endocrinology*, 69:863-867, 1961.
- BOLLET, A. J., BEIERWALTES, W. H., KNOPF, R. F., and MATOVINOVIC, J.: Extraocular muscle, skeletal muscle, and thyroid gland mucopolysaccharide response to thyroid-stimulating hormone. *Journal of Laboratory and Clinical Medicine*, 58: 884-891, 1961.
- CARR, E. A., JR., BEIERWALTES, W. H., NEEL, J. V., DAVIDSON, R., LOWERY, G. H., DODSON, V. N., and TANTON, J. H.: The various types of thyroid malfunction in cretinism and their relative frequency. *Pediatrics*, 28:1-16, 1961.
- CARR, E. A., JR., BEIERWALTES, W. H., RAMAN, G., DODSON, V. N., TANTON, J., BETTS, J. S., and STAMBAUGH, R. A.: The effect of maternal thyroid function on fetal thyroid function and development. *Journal of Endocrinology*, 19:1-18, 1959.
- DODSON, V. N., HAYNIE, T. P., FLOYD, J. C., JR., and BEIERWALTES, W. H.: Response of antithyroid antibody titers during treatment of goiter. *University of Michigan Medical Bulletin*, 25:333-338, 1959.
- ELZINGA, K. E., CARR, E. A., JR., and BEIERWALTES, W. H.: Adaptation of the standard durrum-type cell for reverse-flow paper electrophoresis. *American Journal of Clinical Pathology*, 36:125-131, 1961.
- FLOYD, J. C., JR., BEIERWALTES, W. H., DODSON, V. N., and CARR, E. A., JR.: Defective iodination of tyrosine: A cause of nodular goiter? *Journal of Endocrinology*, 20:881-888, 1960.
- NEEL, J. V., CARR, E. A., JR., BEIERWALTES, W. H., and DAVIDSON, R. T.: Genetic studies on the congenitally hypothyroid. *Pediatrics*, 27:269-285, 1961.
- PARKER, R. H., and BEIERWALTES, W. H.: Inheritance of defective organification of iodine in familial goitrous cretinism. *Journal of Clinical Endocrinology and Metabolism*, 21:21-30, 1961.
- PARKER, R. H., and BEIERWALTES, W. H.: Thyroid antibodies during pregnancy and in the newborn. *Journal of Clinical Endocrinology and Metabolism*, 1:792-798, 1961.
- PARKER, R. H., and BEIERWALTES, W. H.: Elevated serum protein-bound iodine values with dietary iodine deficiency. *Journal of Clinical Endocrinology and Metabolism*, 22:19-25, 1962.
- PARKER, R. H., and BEIERWALTES, W. H.: Iodine repletion following dietary iodine deficiency. *Journal of Clinical Endocrinology and Metabolism*, 23:568-573, 1963.
- RAMAN, G., and BEIERWALTES, W. H.: Correlation of goiter, deafmutism and mental retardation with serum thyroid hormone levels in noncretinous inhabitants of a severe endemic goiter area in India. *Journal of Clinical Endocrinology and Metabolism*, 19:228-233, 1959.
- SISSON, J. C., BEIERWALTES, W. H., and KOEPKE, G. H.: "Myotonia" of the orbicularis oculi with myxedema. *A. M. A. Archives of Internal Medicine*, 110:323-327, 1962.
- SPAFFORD, N. R., CARR, E. A., JR., LOWREY, G. H., and BEIERWALTES, W. H.:  $I^{131}$  labeled triiodothyronine erythrocyte uptake of mothers and newborn infants. *American Journal of Diseases of Children*, 100:844-849, 1960.
- MH-2401 (R03) HEMINGWAY, ALLAN, and FREEMAN, WALTER J.: Effects on behavior of prepyriform cortical lesions. University of California, Los Angeles, Calif. (1958-59)



- FREEMAN, WALTER J.: Correlation of electrical activity of prepyriform cortex and behavior in cat. *Journal of Neurophysiology*, 23:111-131, 1959.
- FREEMAN, WALTER J.: Some quantitative behavioral correlates of prepyriform electrical activity. (Abstract) *Physiologist*, 2(3):41, 1959.
- FREEMAN, WALTER J.: Variation of the amplitude of the prepyriform evoked potential with frequency of stimulation. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 12:243, 1960.
- FREEMAN, WALTER J.: Repetitive electrical stimulation of prepyriform cortex in cat. *Journal of Neurophysiology*, 23:383-396, 1960.
- FREEMAN, WALTER J.: Correlation of EEG of olfactory cortex with motor response. (Abstract) *Physiologist*, 3(3):61, 1960.
- MH-2405 (R01) MIYA, TOM S., CHRISTIAN, JOHN E., and YIM, GEORGE K. W.: Mechanism of action of ataraxic agents. Purdue University, Lafayette, Ind. (1958- )
- BRADLEY, C. A., MIYA, T. S., and YIM, G. K. W.: The effect of certain psychopharmacologic agents on liver and brain sulfhydryl levels. *Journal of Neuropsychiatry*, 2:175-177, 1961.
- EMMERSON, JOHN L., and MIYA, TOM S.: Chromatographic detection of meprobamate. *Analytical Chemistry*, 31(12):2104, 1959.
- EMMERSON, JOHN L., and MIYA, TOM S.: The metabolism and excretion of S-35 chlorpromazine by the rat. *Journal of Pharmacology and Experimental Therapeutics*, 137:148-155, 1962.
- EMMERSON, JOHN L., and MIYA, TOM S.: Metabolism of phenothiazine drugs. *Journal of Pharmaceutical Sciences*, 52:411-419, 1963.
- EMMERSON, J. L., MIYA, T. S., and YIM, G. K. W.: The distribution and metabolic state of carbon-14 meprobamate in the rat brain. *Journal of Pharmacology and Experimental Therapeutics*, 129:89-93, 1960.
- FLETCHER, H., PATRICK, MIYA, TOM S., and BOSQUET, WILLIAM E.: Influence of estradiol on the disposition of chlorpromazine in the rat. *Journal of Pharmaceutical Sciences*, 54(7):1007-1009, 1965.
- LOO, PATRICIA S. Y., and CHALMERS, ROBERT K.: Carbonic anhydrase inhibitor enhancement of chlorpromazine behavioral activity in the rat. (Abstract) *Pharmacologist*, 7(2):170, 1965.
- MENNBAR, JOHN H., BRADLEY, C. ALLEN, and MIYA, TOM S.: A study of the chlorpromazine-induced decreased liver glutathione reaction. *Proceedings of the Society for Experimental Biology and Medicine*, 112:199-202, 1963.
- MENNBAR, JOHN H., MIYA, TOM S., and YIM, G. K. W.: Studies on sciatic stimulated rat brain sulfhydryl levels. *Journal of Pharmaceutical Sciences*, 51:420-422, 1962.
- PHILLIPS, BARRIE M., and MIYA, TOM S.: Excretion of S-35 following administration of S-35 prochlorperazine to rats subjected to experimental stress. *Proceedings of the Society for Experimental Biology and Medicine*, 109:576-577, 1962.
- PHILLIPS, BARRIE M., and MIYA, TOM S.: Disposition of S-35 prochlorperazine in the jaundiced rat. *Proceedings of the Society for Experimental Biology and Medicine*, 112:706-708, 1963.
- PHILLIPS, BARRIE M., MIYA, TOM S., and YIM, GEORGE K. W.: Studies on the mechanism of meprobamate tolerance in the rat. *Journal of Pharmacology and Experimental Therapeutics*, 135:223-229, 1962.
- TRAITOR, CHARLES E., and MIYA, TOM S.: A study of acetazolamide altered chlorpromazine distribution in the rat. (Abstract) *Pharmacologist*, 7(2):160, 1965.
- WEAVER, JAMES E., and MIYA, TOM S.: Effects of certain ataraxic agents on mice activity. *Journal of Pharmaceutical Sciences*, 50:910-912, 1961.
- MH-2407 (R01) GADALLA, SAAD S., and McNAMARA, ROBERT L.: Human factors related to farm accidents in Missouri. University of Missouri, Columbia, Mo. (1958-62)
- GADALLA, SAAD M.: Selected environmental factors associated with farm and farm home accidents in Missouri. Columbia, Mo., Missouri Agricultural Experiment Station Research Bulletin 790, 1962. 115 p.
- MH-2408 (R01) MILLER, MARVIN F., and WATKINS, CHARLES: Distorted body imagery in schizophrenia. Louisiana State University, New Orleans, La. (1958-61)
- MILLER, MARVIN F.: Responses of psychiatric patients to their photographed images. *Diseases of the Nervous System*, 23(5):296-298, 1962.
- MH-2411 (R01) WORDEN, FREDERIC G., and FUSTER, JOAQUIN M.: Reticular activation and central conduction latencies. University of California, Los Angeles, Calif. (1958-61)
- FUSTER, J. M.: Reticular activation effects on neuronal firing in the visual system of chronic animals. *Excerpta Medica*, 37:6-8, 1961.
- FUSTER, J. M.: Excitation and inhibition of neuronal firing in visual cortex by reticular stimulation. *Science*, 133:2011-2012, 1961.

- FUSTER, J. M., and DOCTER, R. F.: Variations of optic evoked potentials as a function of reticular activity in rabbits with chronically implanted electrodes. *Journal of Neurophysiology*, 25:324-336, 1962.
- MH-2412 (R01) FOLCH-PI, JORDI, ELKES, JOEL, FLEXNER, L., KETY, SEYMOUR S., and WAELSCH, HEINRICH, B.: Third International Neurochemical symposium. McClean Hospital, Belmont, Mass. (1958-59)
- FOLCH-PI, J., ed.: Chemical pathology of the nervous system. Oxford, England, Pergamon Press, 1961, 720 p.
- MH-2413 (R01) DEMOTT, DONALD W.: Cortical recordings from multiple electrodes. University of Rochester, Rochester, N.Y. (1958- )
- DEMOTT, DONALD W.: An inexpensive, multi-channel, electrophysiological recording system. *Electroencephalography and Clinical Neurophysiology*, 13:467-470, 1961.
- MH-2414 (R01) HONIG, WERNER K.: Stimulus and response dimensions in choice behavior. Denison University, Granville, Ohio. (1958-63)
- BONEAU, C. ALAN, and HONIG, WERNER K.: Opposed generalization gradients based upon conditional discrimination training. *Journal of Experimental Psychology*, 66(1):89-93, 1964. (Also acknowledges MH-3917).
- COFOID, DIANNE A., and HONIG, W. K.: Stimulus generalization of imprinting. *Science*, 134:1692-1694, 1961.
- HONIG, W. K.: Generalization of extinction on the spectral continuum. *Psychological Record*, 11: 269-278, 1961. (Also acknowledges MH-1002).
- HONIG, W. K.: Prediction of preference, transposition, and transposition-reversal from the generalization gradient. *Journal of Experimental Psychology*, 64:239-246, 1962. (Also acknowledges MH-1002).
- HONIG, WERNER K.: Discrimination, generalization, and transfer on the basis of stimulus differences. In: Mostofsky, David I., ed. *Stimulus generalization*. Stanford, Calif., Stanford University Press, 1965, p. 218-254.
- HONIG, W. K., BONEAU, C. A., BURSTEIN, M. R., and PENNYPACKER, H. S.: Positive and negative generalization gradients obtained after equivalent training conditions. *Journal of Comparative and Physiological Psychology*, 56:111-116, 1963. (Also acknowledges MH-3917).
- HONIG, W. K., and DAY, ROBERTA W.: Discrimination and generalization on a dimension of stimulus difference. *Science*, 138:29-31, 1962.
- HONIG, W. K., and SLIVKA, R. M.: Stimulus generalization and inhibitory control: The stimulus generalization of punishment. *Journal of the Experimental Analysis of Behavior*, 1:21-25, 1964.
- SLIVKA, R. M., and HONIG, W. K.: Stimulus generalization and inhibitory control: The stimulus generalization of punishment. (Abstract) *Journal of the Experimental Analysis of Behavior*, 7:165, 1964.
- MH-2417 (R01) MOLTZ, HOWARD: Variables influencing the occurrence of imprinting. Brooklyn College of the City University of New York, Brooklyn, N.Y. (1958-60)
- MOLTZ, H.: Imprinting: Empirical basis and theoretical significance. *Psychological Bulletin*, 57: 291-314, 1960. (Also acknowledges MH-1732).
- MOLTZ, H.: An experimental analysis of the critical period for imprinting. *Transactions of the New York Academy of Sciences*, 23:452-463, 1961.
- MOLTZ, H., ROSENBLUM, L. A., and STETTNER, L. J.: Some parameters of imprinting effectiveness. *Journal of Comparative and Physiological Psychology*, 53:297-301, 1960.
- MOLTZ, H., and STETTNER, L. J.: The influence of patterned-light deprivation on the critical period for imprinting. *Journal of Comparative and Physiological Psychology*, 54:279-283, 1961.
- MH-2421 (R01) KATZ, IRWIN: A study of marital cooperation. New York University, New York, N.Y. (1958-61)
- KATZ, IRWIN: Relationships between emotional needs of husband and wife and acceptance of the spouse's influence in an experimental situation. *Proceedings of the New York State Psychological Association*, 1:32, 1960.
- KATZ, IRWIN, COHEN, MELVIN, and CASTIGLIONE, LAWRENCE: The effect of one type of need complementarity on marriage partners' conformity to one another's judgments. *Journal of Abnormal and Social Psychology*, 67:8-14, 1963.
- KATZ, IRWIN, GLUCKSBERG, SAM, and KRAUSS, ROBERT: Need satisfaction and Edwards PPS scores in married couples. *Journal of Consulting Psychology*, 24:205-208, 1960.
- KATZ, IRWIN, GOLDSTON, JUDITH, COHEN, MELVIN, and STUCKER, SOLOMON: Need satisfaction, perception, and cooperative interaction in married couples. *Marriage and Family Living*, 25:209-213, 1963.
- MH-2423 (R01) STOTLAND, EZRA: Identification with persons and groups. University of Washington, Seattle, Wash. (1958-61)

- COTTRELL, N.: Means-interdependence, prior acquaintance, and emotional tension during cooperation and subsequent competition. *Journal of Human Relations*, 16(3):249-262, 1963.
- STOTLAND, E.: Motivation for security, certainty, and self-esteem. *Journal of General Psychology*, 55: 75-87, 1961.
- STOTLAND, E., and COTTRELL, N.: Self-esteem, group interaction, and group influence on performance. *Journal of Personality*, 29:273-284, 1961.
- STOTLAND, E., and COTTRELL, N.: Similarity of performance as influenced by interaction, self-esteem, and birth order. *Journal of Abnormal and Social Psychology*, 64:183-191, 1962.
- STOTLAND, E., COTTRELL, N., and LAING, G.: Group interaction and perceived similarity of members. *Journal of Abnormal and Social Psychology*, 61: 335-340, 1960.
- STOTLAND, E., and DUNN, R.: Identification, "oppositeness", authoritarianism, self-esteem, and birth order. *Psychological Monographs*, 76(4):1-21, 1962. (Whole No. 528).
- STOTLAND, E., and DUNN, R.: Empathy, self-esteem, and birth order. *Journal of Abnormal and Social Psychology*, 66(6):532-540, 1963.
- STOTLAND, E., and HILLMER, M.: Identification, authoritarian defensiveness, and self-esteem. *Journal of Abnormal and Social Psychology*, 64:334-342, 1962.
- STOTLAND, E., and WALSH, J.: Birth order in an experimental study of empathy. *Journal of Abnormal and Social Psychology*, 66(6):610-614, 1963.
- MII-2433 (R01) HOFFMAN, HOWARD S.: Generalization gradients for competing responses. Pennsylvania State University, University Park, Pa. (1958- )
- FLESHLER, MORTON: Adequate acoustic stimulus for startle reaction in the rat. *Journal of Comparative and Physiological Psychology*, 60(2):200-207, 1965.
- FLESHLER, M., and HOFFMAN, H. S.: Stimulus generalization of conditioned suppression. *Science*, 133:753-755, 1961.
- FLESHLER, M. and HOFFMAN, H. S.: A progression for generating variable interval schedules. *Journal of the Experimental Analysis of Behavior*, 5:529-530, 1962.
- HOFFMAN, H. S.: A flexible connector for delivering shock to pigeons. *Journal of the Experimental Analysis of Behavior*, 3:330, 1960.
- HOFFMAN, H. S.: The analogue lab: A new kind of teaching device. *American Psychologist*, 17:684-694, 1962.
- HOFFMAN, H. S.: A method for programming-110 V AC through nu-way studs. *Journal of the Experimental Analysis of Behavior*, 5:534, 1962.
- HOFFMAN, H. S.: An isolation chamber for use in small animal research. *Journal of the Experimental Analysis of Behavior*, 7(2):158, 1964.
- HOFFMAN, H. S.: A retractable lever for use in behavioral research. *Journal of the Experimental Analysis of Behavior*, 7(2):163-164, 1964.
- HOFFMAN, H. S.: The stimulus generalization of conditioned suppression. In: Mostofsky, David J., ed. *Stimulus generalization*. Stanford, California, Stanford Univ. Press, 1965, p. 356-372.
- HOFFMAN, H. S., and FLESHLER, M.: Aversive control with the pigeon. *Journal of the Experimental Analysis of Behavior*, 2:213-218, 1959.
- HOFFMAN, H. S., and FLESHLER, M.: Stimulus factors in aversive controls: The generalization of conditioned suppression. *Journal of the Experimental Analysis of Behavior*, 4:371-378, 1961.
- HOFFMAN, H. S., and FLESHLER, M.: A progression for generating variable interval schedules in which the probability of reinforcement as a function of time since reinforcement is constant. University Park, Pa., Pennsylvania State University, Department of Psychology, 1962, 8 p. (Research Bulletin No. 26).
- HOFFMAN, H. S., and FLESHLER, M.: A relay sequencing device for scrambling grid shock. *Journal of the Experimental Analysis of Behavior*, 5: 329-330, 1962.
- HOFFMAN, H. S., and FLESHLER, M.: The course of emotionality in the development of avoidance. *Journal of Experimental Psychology*, 64:288-294, 1962.
- HOFFMAN, H. S., and FLESHLER, M.: Discrimination and stimulus generalization of approach, of avoidance, and of approach and avoidance during conflict. *Journal of Experimental Psychology*, 65: 280-291, 1962.
- HOFFMAN, H. S., and FLESHLER, M.: Startle reaction: Modification by background acoustic stimulation. *Science*, 141:928-930, 1963.
- HOFFMAN, HOWARD S., and FLESHLER, MORTON: An apparatus for the measurement of the startle-response in the rat. *American Journal of Psychology*, 77:307-308, 1964.
- HOFFMAN, HOWARD S., and FLESHLER, MORTON: Stimulus aspects of aversive controls: Stimulus generalization of conditioned suppression following discrimination training. *Journal of the Experimental Analysis of Behavior*, 7:233-239, 1964.

- HOFFMAN, H. S., and FLESHLER, M.: Stimulus aspects of aversive controls: The effects of response contingent shock. *Journal of the Experimental Analysis of Behavior*, 8(2):89-96, 1965.
- HOFFMAN, HOWARD S., FLESHLER, MORTON, and ABPLANALP, PAUL L.: Startle reaction to electrical shock in the rat. *Journal of Comparative and Physiological Psychology*, 58:132-139, 1964.
- HOFFMAN, H. S., FLESHLER, M., and CHORNY, H.: Classical avoidance within the skinner box. University Park, Pa., Pennsylvania State University, Department of Psychology, 1960. (Research Bulletin No. 2).
- HOFFMAN, H. S., FLESHLER, M., and CHORNY, H.: Discriminated bar press avoidance. *Journal of the Experimental Analysis of Behavior*, 4:309-316, 1961.
- HOFFMAN, H. S., FLESHLER, M., and JENSEN, P.: Aversive training: Long term effects. *Science*, 138:1269-1270, 1962.
- HOFFMAN, H. S., FLESHLER, M., and JENSEN, P.: Stimulus aspects of aversive controls: The retention of conditioned suppression. *Journal of the Experimental Analysis of Behavior*, 6:575-583, 1963.
- HOFFMAN, H. S., SCHIFF, D., ADAMS, J., and SEARLE, J. L.: Enhanced distress vocalization through selective reinforcement. *Science*, 151 (3708):352-354, 1966.
- HOFFMAN, HOWARD S., and SEARLE, JOHN L.: Acoustic variables in the modification of startle reaction in the rat. *Journal of Comparative and Physiological Psychology*, 60(1):53-58, 1965.
- MH-2434 (R01) MERTZ, EDWIN T., BLOCK, WALTER D., and MEYER, HANS: Intermediary metabolism patterns in mental defectives. Purdue University, Lafayette, Ind. (1958-62)
- FULLER, R. W., LUCE, M. W., and MERTZ, E. T.: Serum uric acid in mongolism. *Science*, 137:868-869, 1962.
- FULLER, R. W., and WEBER, A. N.: Hypertelorism in association with chromatin sex abnormality in two siblings. *American Journal of Mental Deficiency*, 66:844-848, 1962.
- MEYER, H., and MANNING, G. C.: Juvenile cerebral lipidosis in two siblings. *Archives of Neurology*, 4:430-440, 1961.
- MH-2435 (R01) HORITA, AKIRA: Studies on brain norepinephrine and serotonin. University of Washington, Seattle, Wash. (1958- )
- GOGERTY, J. H., and HORITA, A.: A comparison of the in vivo inhibition of brain and liver monoamine oxidase as produced by  $\beta$ -phenylisopropylhydramin (PIH) and iproniazid. *Journal of Pharmacology and Experimental Therapy*, 129:357-360, 1960.
- HORITA, A.: The route of administration of some hydrazine compounds as a determinant of brain and liver monoamine oxidase inhibition. *Toxicology and Applied Pharmacology*, 3:474-480, 1961.
- HORITA, A.: The influence of pH on serotonin metabolism by rat tissue homogenates. *Biochemical Pharmacology*, 11:147-153, 1962.
- HORITA, A.: A possible source of error in the measurement of 5-hydroxytryptophan decarboxylase activity in rat tissues. *Biochemical Pharmacology*, 11:672-673, 1962.
- HORITA, A.: Some antagonists of the monoamine oxidase inhibitors. *Annals of the New York Academy of Sciences*, 107:951-956, 1963.
- HORITA, A.: Some biochemical studies on psilocybin and psilocin. *Journal of Neuropsychiatry*, 4:270-273, 1963.
- HORITA, A.: The influence of drug-tissue interactions on the inhibition of monoamine oxidase by pheniprazine and proniazid. *Journal of Pharmacology and Experimental Therapeutics*, 142:141-146, 1963.
- HORITA, A.: The initial inactivation of phenelzine by a monoamine oxidase-like system "in vitro" and "in vivo." *British Journal of Pharmacology and Chemotherapy*, 24(1):245-252, 1965.
- HORITA, A.: Role of microsomal enzymes in the activation and inactivation of the anti-mao activity of 2-methyl-3-piperidinopyrazine. (Abstract) *Pedevation Proceedings*, 24(2)Part I:153, 1965.
- HORITA, A.: Selective brain monoamine oxidase inhibition resulting from an interaction between reversible and irreversible inhibitors. *International Journal of Neuropharmacology*, 4(6):337-342, 1965.
- HORITA, A.: The antagonism of monoamine oxidase (MAO) inhibitors by red blood cell and its constituents. *Toxicology and Applied Pharmacology*, 7(1):97-103, 1965.
- HORITA, A., and CHINN, C.: An analysis of the interaction between reversible and irreversible monoamine oxidase inhibitors. *Biochemical Pharmacology*, 13:371-378, 1964.
- HORITA, A., and McGRATH, W. R.: The interaction between reversible and irreversible monoamine oxidase inhibitors. *Biochemical Pharmacology*, 3:206-211, 1960.
- HORITA, A., and McGRATH, W. R.: Specific liver and brain monoamine oxidase inhibition by alkyl- and arylalkylhydrazines. *Proceedings of the Soci-*

- ety for *Experimental Biology and Medicine*, 103: 753-757, 1960.
- HORITA, A., and MATSUMOTO, C.: The antagonism of hydrazine-type inhibitors of monoamine oxidase inhibitors by sodium pyruvate. *Life Sciences*, 10: 491-501, 1962.
- HORITA, A., and WEBER, L. J.: The enzymatic dephosphorylation and oxidation of psilocybin and psilocin by mammalian tissue homogenates. *Biochemical Pharmacology*, 7:47-54, 1961.
- HORITA, A., and WEBER, L. J.: Dephosphorylation of psilocybin in the intact mouse. *Toxicology and Applied Pharmacology*, 4:730-737, 1962.
- HORITA, A., and WEBER, L. J.: Skin penetrating property of drugs dissolved in dimethylsulfoxide (DMSO) and other vehicles. *Life Sciences*, 3: 1389-1395, 1964.
- HULL, L. D., and HORITA, A.: Reserpine reversal response by iproniazid: A dose-dependent phenomenon. *Nature*, 202:604-605, 1964.
- MCGRATH, W. T., and HORITA, A.: Differential inhibition of liver and brain monoamine oxidase by a series of arylalkylhydrazines. *Toxicology and Applied Pharmacology*, 4:178-186, 1962.
- MATSUMOTO, C., and HORITA, A.: Studies on the antagonism of guanethidine by methamphetamine. *Biochemical Pharmacology*, 12:293-297, 1963.
- WEBER, L. J., and HORITA, A.: Hydroxylation of L-tryptophan in situ by perfusion of rat intestine. (Abstract) *Federation Proceedings*, 22:2774, 1963.
- WEBER, L. J., and HORITA, A.: Oxidation of 4- and 5-hydroxyindole derivatives by mammalian cytochrome oxidase. *Life Sciences*, 1:44-49, 1963.
- WEBER, L. J., and HORITA, A.: A study of 5-hydroxytryptamine formation from L-tryptophan in the brain and other tissues. *Biochemical Pharmacology*, 14(7):1141-1149, 1965.
- MH-2442 (R01) MANDLER, GEORGE: Physiological and cognitive interactions in anxiety. Harvard University, Cambridge, Mass. (1958-60)
- KESSEN, WILLIAM, and MANDLER, GEORGE: Anxiety, pain, and the inhibition of distress. *Psychological Review*, 68(6):396-404, 1961. (Also acknowledges MH-1787).
- MANDLER, G.: Stimulus variables and subject variables: A caution. *Psychological Review*, 66:145-149, 1959.
- MANDLER, G., and KAHN, M.: Discrimination of changes in heart rate: Two unsuccessful attempts. *Journal of the Experimental Analysis of Behavior*, 3:21-25, 1960.
- MANDLER, G., and MANDLER, JEAN M.: Associative behavior and somatic response. *Canadian Journal of Psychology*, 16:331-343, 1962. (Also acknowledges MH-4852).
- MANDLER, G., MANDLER, JEAN M., KROMEN, I., and SHOLITON, R. D.: The response to threat: Relations among verbal and physiological indices. *Psychological Monographs*, 75(9); 1961. (Whole No. 513).
- MANDLER, G., PREVEN, D., and KUHLMAN, CLEMENTINA K.: Effects of operant reinforcement on the GSR. *Journal of the Experimental Analysis of Behavior*, 5:317-321, 1962.
- MH-2443 (R03) SCHACHTER, JOSEPH, and APPLEBAUM, STANLEY: Digital vascular resistance in neonates. Columbia University, New York, N.Y. (1958-59)
- APPLEBAUM, S., and SCHACHTER, J.: Measurements of digital vascular resistance and vascular reactivity. In: Proceedings of interdisciplinary clinic on the instrumentation requirements for psychophysiological research. Foundation for Instrumentation, Education & Research, 1961, p. 42-47.
- MH-2444 (R01) GHENT, LILA: Spatial orientation in visual perception of children. State University of New York—Downstate Medical Center, Brooklyn, N.Y. (1958-60)
- GHENT, L.: Form and its orientation: A child's-eye view. *American Journal of Psychology*, 74:177-190, 1961.
- GHENT, L., BERNSTEIN, L., and GOLDWEBER, A. M.: Preferences for orientation of form under varying conditions. *Perceptual and Motor Skills*, 11:46, 1960.
- MH-2447 (R01) BLAKE, ROBERT R., and MOUTON, JANE SRYGLEY: Behavior of group representatives under pressure. University of Texas, Austin, Texas. (1958-61)
- BLAKE, R. R., and MOUTON, JANE S.: The story behind intergroup conflict. *Petroleum Refiner*, 39:181-185, 1960.
- BLAKE, R. R., and MOUTON, JANE S.: Why problem-solving between groups sometimes fails. *Petroleum Refiner*, 39:269-273, 1960.
- BLAKE, R. R., and MOUTON, JANE S.: Competition, communication and conformity. In: Berg, I. A., and Bass, B. M., eds. *Conformity and deviation*. New York, Harper, 1961, p. 199-229.
- BLAKE, R. R., and MOUTON, JANE S.: Group dynamics—key to decision making. Houston, Texas, Gulf Publishing, 1961.

- BLAKE, ROBERT R., and MOUTON, JANE S.: Perceived characteristics of elected representatives. *Journal of Abnormal and Social Psychology*, 62: 693-695, 1961.
- BLAKE, ROBERT R., and MOUTON, JANE S.: Comprehension of own and of outgroup positions under intergroup competition. *Journal of Conflict Resolution*, 5:304-310, 1961.
- BLAKE, ROBERT R., and MOUTON, JANE S.: Reactions to intergroup competition under win-lose conditions. *Management Science*, 7:420-435, 1961.
- BLAKE, R. R., and MOUTON, J. S.: Loyalty of representatives to ingroup positions during intergroup competition. *Sociometry*, 24:177-183, 1961. Also in: Vinacke, W. E., Wilson, W. R., and Meredith, G. M., eds. *The character and scope of social psychology*. Chicago, Ill., Scott Foresman, 1963.
- BLAKE, R. R., and MOUTON, JANE S.: Intergroup therapy. *International Journal of Social Psychiatry*, 8(3):196-198, 1962.
- BLAKE, R. R., and MOUTON, JANE S.: The intergroup dynamics of win-lose conflict and problem-solving collaboration in union-management relations. In: Sherif, M., ed. *Intergroup relations and leadership*. New York, Wiley, 1962.
- BLAKE, R. R., and MOUTON, JANE S.: Comprehension of points of communality in competing solutions. *Sociometry*, 25:56-63, 1962.
- MOUTON, JANE S., and BLAKE, R. R.: Influence of partially vested interests on judgment. *Journal of Abnormal and Social Psychology*, 66:276-278, 1963.
- MH-2453 (R01) NAROLL, RAOUL S.: Cross-cultural index of cultural stress. San Fernando Valley State College, Northridge, Calif. (1958-59)
- NAROLL, RAOUL: A tentative index of culture-stress. *International Journal of Social Psychiatry*, 5:107-116, 1959. (Also acknowledges MH-1930).
- NAROLL, RAOUL: Controlling data quality. *Symposia of the National Institute of Social and Behavioral Science, Series Research in Social Psychology*, No. 4:1-6, 1960. (Also acknowledges MH-1930).
- NAROLL, RAOUL: Projet d'un index de la pression culturelle. *Revue de Psychologie des Peuples*, 16: 163-178, 1961. (Also acknowledges MH-1930).
- NAROLL, RAOUL: Data quality control. New York, Free Press, 1962, 198 p. (Also acknowledges MH-1930).
- MH-2454 (R01) GARDNER, RILEY W.: The stability and generality of cognitive attitudes. Menninger Foundation, Topeka, Kan. (1958-61)
- GARDNER, R. W.: Cognitive control principles and perceptual behavior. *Bulletin of the Menninger Clinic*, 23:241-248, 1959.
- GARDNER, R. W.: Individual differences in figural after-effects and response to reversible figures. *British Journal of Psychology*, 52:269-272, 1961.
- GARDNER, R. W.: Cognitive controls of attention deployment as determinants of visual illusions. *Journal of Abnormal and Social Psychology*, 62:120-127, 1961. (Also acknowledges MH-1182).
- GARDNER, RILEY W.: Four discussions with Professor Piaget. *Bulletin of the Menninger Clinic*, 26:117-119, 1962.
- GARDNER, R. W.: Cognitive controls in adaptation: Research and measurement. In: Messick, S., and Ross, J., eds. *Measurement in personality and cognition*. New York, Wiley, 1962, p. 183-198.
- GARDNER, R. W.: Discussion of paper by Drs. Kagan, Moss, and Siegel. In: Wright, J. C., and KAGAN, J., eds. *Basic cognitive processes in children. Monograph of Social Research in Child Development*, 28(2):112-118, 1963. (Whole No. 86).
- GARDNER, R. W., and ANDREPOULOS, E.: A report on research: The perception project. *Menninger Quarterly*, 8(4):16-23, 1959.
- GARDNER, R. W., and LOHRENTZ, L. J.: Leveling-sharpening and serial reproduction of a story. *Bulletin of the Menninger Clinic*, 24:295-304, 1960.
- GARDNER, R. W., and LOHRENTZ, L. J.: Attention and assimilation. *American Journal of Psychology*, 74:607-611, 1961.
- GARDNER, R. W., and LOHRENTZ, L. J.: Association and recall. *Perceptual and Motor Skills*, 15:29-30, 1962.
- GARDNER, R. W., and LONG, R. I.: The stability of cognitive controls. *Journal of Abnormal and Social Psychology*, 61:485-487, 1960.
- GARDNER, R. W., and LONG, R. I.: Errors of the standard and illusion effects with the inverted-T. *Perceptual and Motor Skills*, 10:47-54, 1960.
- GARDNER, R. W., and LONG, R. I.: Errors of the standard and illusion effects with L-shaped figures. *Perceptual and Motor Skills*, 10:107-109, 1960.
- GARDNER, R. W., and LONG, R. I.: Leveling-sharpening and serial learning. *Perceptual and Motor Skills*, 10:179-185, 1960.
- GARDNER, R. W., and LONG, R. I.: Cognitive controls as determinants of learning and remembering. *Psychologia (Japan)*, 3:165-171, 1960.
- GARDNER, R. W., and LONG, R. I.: Field-articulation in recall. *Psychological Record*, 11:305-310, 1961.

- GARDNER, R. W., and LONG, R. I.: Selective attention and the Mueller-Lyer illusion. *Psychological Record*, 11:317-320, 1961.
- GARDNER, R. W., and LONG, R. I.: Control, defense, and centration effect: A study of scanning behaviour. *British Journal of Psychology*, 53:129-140, 1962.
- GARDNER, R. W., and LONG, R. I.: Cognitive controls of attention and inhibition: A study of individual consistencies. *British Journal of Psychology*, 53:381-388, 1962.
- GARDNER, R. W., and SCHOEN, R. A.: Differentiation and abstraction in concept formation. *Psychological Monographs*, 76(41):1-21, 1962. (Whole No. 560).
- KLEIN, G. S., GARDNER, R. W., and SCHLESINGER, H. J.: Tolerance for unrealistic experiences: A study of the generality of a cognitive control. *British Journal of Psychology*, 53:41-55, 1962. (Also acknowledges MH-25).
- LONG, R. I.: Field-articulation as a factor in verbal learning and recall. *Perceptual and Motor Skills*, 15:151-158, 1962.
- MERCADO, S. J., GUERRERO, R., and GARDNER, R. W.: Cognitive control in children in Mexico and the United States. *Journal of Social Psychology*, 59:199-208, 1963.
- MH-2455 (R01) HEBB, DONALD O., and MILNER, PETER M.: Studies of learning perception and motivation. McGill University, Montreal, Can. (1958- )
- ALBERT, D. J.: The effect of spreading depression on the consolidation of learning. *Neuropsychologia*, 4(1):49-64, 1966.
- BURNS, B. D., HERON, W., and PRITCHARD, R. M.: Physiological excitation of visual cortex in cat's unanesthetized isolated forebrain. *Journal of Neurophysiology*, 25:165-181, 1962.
- BURNS, N. M., and MOGENSEN, G. J.: Effects of cortical stimulation on habit acquisition. *Canadian Journal of Psychology*, 12:77-82, 1958.
- COHEN, H. B.: The effect of contralateral visual stimulation on visibility with stabilized retinal images. *Canadian Journal of Psychology*, 15:212-219, 1961.
- EHRLICH, ANNETTE: Effects of past experience on exploratory behavior in rats. *Canadian Journal of Psychology*, 13:248-255, 1959.
- EHRLICH, ANNETTE: The effects of past experience on the rat's response to novelty. *Canadian Journal of Psychology*, 15:15-19, 1961.
- EHRLICH, ANNETTE: Note on the effects of differential rearing conditions on weight gain in the hooded rat. *Canadian Journal of Psychology*, 15:244-246, 1961.
- EHRLICH, ANNETTE: Effects of tegmental lesions on motivated behavior in rats. *Journal of Comparative and Physiological Psychology*, 56(2):390-396, 1963.
- EHRLICH, ANNETTE: Neural control of feeding behavior. *Psychological Bulletin*, 61:100-114, 1964.
- GLICKMAN, S. E., and JENSEN, G. D.: The effects of hunger and thirst on Y-maze exploration. *Journal of Comparative and Physiological Psychology*, 54:83-85, 1961.
- GOTTSCHALK, JUDITH, BRYDEN, M. P., and RABINOVITCH, M. SAM.: Spatial organization of children's responses to a pictorial display. *Child Development*, 35:811-815, 1964.
- HEBB, D. O.: Intelligence, brain function and the theory of mind. *Brain*, 82:260-275, 1959.
- HEBB, D. O.: On the meaning of objective psychology. *Transactions of the Royal Society of Canada*, 55:81-86, 1961.
- HEBB, D. O.: John Davidson Ketchum. *Proceedings of the Royal Society of Canada*, 56:197-198, 1962.
- HEBB, D. O.: The semi-autonomous process: Its nature and nurture. *American Psychologist*, 18:16-27, 1963.
- HEBB, D. O.: Review lecture. The evolution of mind. *Proceedings of the Royal Society, B*, 161:376-383, 1965.
- MILNER, P. M.: Learning in neural systems. In: Marshall, C. Yovits, ed. *Self-organizing systems*. New York, Pergamon Press, 1959, p. 190-204.
- MILNER, P. M.: A neural mechanism for the immediate recall of sequences. *Kybernetik*, 1:76-81, 1961.
- MILNER, P., and ZUCKER, I.: Specific hunger for potassium in the rat. *Psychonomic Science*, 2:17-18, 1965.
- NAKAJIMA, S.: Effects of chemical injection into the reticular formation of rats. *Journal of Comparative and Physiological Psychology*, 58(1):10-15, 1964.
- NAKAJIMA, SHINSHU: Selectivity in fasciculation of nerve fibers in vitro. *Journal of Comparative Neurology*, 125(2):193-203, 1965.
- PRITCHARD, R. M., HERON, W., and HEBB, D. O.: Visual perception approached by the method of stabilized images. *Canadian Journal of Psychology*, 14:67-77, 1960.
- STEWART, JAN.: Some behaviour characteristics of mazebright and mazedull animals. *Canadian Journal of Psychology*, 15:75-80, 1961.

- VANDERWOLF, C. H.: Medial thalamic functions in voluntary behavior. *Canadian Journal of Psychology*, 16:318-330, 1962.
- VANDERWOLF, C. H.: The effect of medial thalamic lesions on previously established fear-motivated behaviour. *Canadian Journal of Psychology*, 17: 183-187, 1963.
- VANDERWOLF, C. H.: Improved shuttle-box performance following electroconvulsive shock. *Journal of Comparative and Physiological Psychology*, 56:983-986, 1963.
- VANDERWOLF, C. H.: Effect of combined medial thalamic and septal lesions on active-avoidance behavior. *Journal of Comparative and Physiological Psychology*, 58:31-37, 1964. (Also acknowledges MH-3372).
- VANDERWOLF, C. H., and HERON, W.: Electroencephalographic waves with voluntary movement. *Archives of Neurology*, 11:379-384, 1964. (Also acknowledges MH-3372).
- MH-2456 (R01) BLOUGH, DONALD S.: Differential extinction and stimulus control. Brown University, Providence, R.I. (1958- )
- BLOUGH, D. S.: Delayed matching in the pigeon. *Journal of the Experimental Analysis of Behavior*, 2:151-160, 1959.
- BLOUGH, D. S.: Generalization and preference on a stimulus intensity continuum. *Journal of the Experimental Analysis of Behavior*, 2:307-317, 1959.
- BLOUGH, D. S.: The shape of some wavelength generalization gradients. *Journal of the Experimental Analysis of Behavior*, 4:31-40, 1961.
- BLOUGH, D. S.: Animal psychophysics. *Scientific American*, 205:113-122, 1961.
- BLOUGH, D. S.: Interresponse time as a function of continuous variables: A new method and some data. *Journal of the Experimental Analysis of Behavior*, 6:237-246, 1963.
- BLOUGH, DONALD S., and MILLWARD, RICHARD B.: Learning: Operant conditioning and verbal learning. In: Farnsworth, Paul R., McNemear, Olga, and McNemear, Quinn, eds. *Annual Review of Psychology*. Vol. 16. Palo Alto, Calif., Annual Reviews, 1965, p. 63-94.
- MH-2458 (R01) KRASNER, LEONARD, and ULLMAN, LEONARD: Personality variables related to verbal conditioning. Stanford University, Stanford, Calif. (1958-61)
- EKMAN, P., KRASNER, L., and ULLMAN, L. P.: The interaction of set and awareness as determinants of response to verbal conditioning. *Journal of Abnormal and Social Psychology*, 66:387-389, 1963.
- GELFAND, S., ULLMANN, L. P., and KRASNER, L.: The placebo response: An experimental approach. *Journal of Nervous and Mental Disease*, 136: 379-387, 1963.
- KRASNER, L.: Role taking research and psychotherapy. *Research Reports of the Veterans Association*, Palo Alto. November 1959, 17 p. (Report No. 5). (Processed).
- KRASNER, L.: Behavior control and social responsibility. *American Psychology*, 17:199-204, 1962.
- KRASNER, L.: The therapist as a social reinforcement machine. In: Strupp, H. H., and Luborsky, L., eds. *Research in psychotherapy*. Washington, D.C., American Psychological Association, 1962, p. 61-94, vol. 2.
- KRASNER, L.: Reinforcement, verbal behavior and psychotherapy. *American Journal of Orthopsychiatry*, 33:601-613, 1963.
- KRASNER, L., and ULLMANN, L. P.: Variables affecting report of awareness in verbal conditioning. *Journal of Psychology*, 56:193-202, 1963.
- KRASNER, L., ULLMANN, L. P., and WEISS, R. L.: Studies in role perception. *Journal of General Psychology*, 71:367-371, 1964.
- KRASNER, L., ULLMAN, L. P., WEISS, R. L., and COLLINS, BEVERLY J.: Responsivity to verbal conditioning as a function of three different examiners. *Journal of Clinical Psychology*, 17:411-415, 1961.
- KRASNER, L., WEISS, R. L., and ULLMAN, L. P.: Responsivity to verbal conditioning as a function of "awareness." *Psychological Reports*, 8:523-538, 1961.
- ULLMAN, LEONARD P.: An empirically derived MMPI scale which measures facilitation-inhibition of recognition of threatening stimuli. *Journal of Clinical Psychology*, 18:127-132, 1962.
- ULLMAN, L. P., KRASNER, L., and COLLINS, BEVERLY: Modification of behavior through verbal conditioning: Affects in group therapy. *Journal of Abnormal and Social Psychology*, 62:128-132, 1961.
- ULLMAN, L. P., KRASNER, L., and EKMAN, P.: Verbal conditioning of emotional words: Effects on behavior in group therapy. *Research Report* (No. 15), Veterans Administration, Palo Alto, California, 1961. 6 p.
- ULLMAN, L. P., KRASNER, L., and GELFAND, DONNA: Changed content within a reinforced response class. *Psychological Reports*, 12:819-829, 1963.
- ULLMAN, L. P., WEISS, R. L., and KRASNER, L.: Toward the development of a scale to measure resistance to verbal conditioning. *Research Report*



- of *VA Palo Alto*, No. 12, 1960. 13 p. (Processed)
- ULLMAN, L. P., WEISS, R. L., and KRASNER, L.: The effect of verbal conditioning of emotional words on recognition of threatening stimuli. *Journal of Clinical Psychology*, 19:182-183, 1963.
- ULLMAN, LEONARD P., and WIGGINS, JERRY S.: Endorsement frequency and the number of differentiating MMPI items to be expected by chance. *Newsletter for Research in Psychology*, 4:29-34, 1962. (Also acknowledges MH-2215).
- WEISS, R. L., EKMAN, P., ULLMAN, L. P., and KRASNER, L.: The context of reinforcement in verbal conditioning. *Journal of Clinical Psychology*, 21:99-100, 1965.
- WEISS, R. L., KRASNER, L., and ULLMAN, L. P.: Responsivity to verbal conditioning as a function of emotional atmosphere and pattern of reinforcement. *Psychological Reports*, 6:415-426, 1960.
- WEISS, R. L., KRASNER, L., and ULLMAN, L.: Responsivity of psychiatric patients to verbal conditioning: "Success" and "failure" conditions and pattern of reinforced trials. *Psychological Reports*, 12:423-426, 1963.
- WEISS, ROBERT L., and SHERMAN, MARVIN: Anxiety and interfering responses in college students and psychiatric patients. *Newsletter for Research in Psychology*, 4(2):35-40, 1962.
- WEISS, R. L., ULLMAN, L. P., and KRASNER, L.: On the relationship between hypnotizability and response to verbal operant conditioning. *Psychological Reports*, 6:59-60, 1960.
- MH-2461 (R01) GOLDENBERG, HARRY: Molecular structure and psychotomimetic action. Hillside Hospital, Glen Oaks, N.Y. (1958-60)
- GOLDENBERG, H., and FISHMAN, V.: Studies on chlorpromazine and imipramine metabolism. (Abstract) *Clinical Chemistry*, 6(4):398-399, 1960.
- GOLDENBERG, HARRY, and FISHMAN, VIVIAN: Specific dependence of chlorpromazine metabolism. *Proceedings of the Society for Experimental Biology and Medicine*, 108:178-182, 1961. (Also acknowledges MH-2938 and MH-1305).
- MH-2463 (R03) KRISTOFFERSON, ALFRED B.: Meprobamate, basal GSR and GSR responsiveness. University of Cincinnati, Cincinnati, Ohio. (1958-59)
- KRISTOFFERSON, A. B., and CORMACK, R.: Preliminary results concerning the galvanic skin response as an indicator of drug effects. In: Uhr, L., and
- MH-2468 (R01) PILOT, MARTIN L., LIDZ, THEODORE, and SCHAFER, ROY: Psychodynamic study of identical twins. Yale University, New Haven, Conn. (1959-62)
- LIDZ, THEODORE: Die Familienumwelt des Schizophrenen: Zur Einführung. *Psyche*, 13:243-256, 1959.
- PILOT, M. L.: Psychosomatic disorders in monozygotic twin pairs. In: *Proceedings of the 3rd World Congress of Psychiatry*, Vol. 1. Montreal, University of Toronto Press/McGill University Press, 1962, p. 534-538.
- PILOT, M. L., RUBIN, JESSE, SCHAFER, ROY, and SPIRO, HOWARD: Duodenal ulcer in one of identical twins—A follow-up study. *Psychosomatic Medicine*, 25:285-291, 1963.
- PILOT, MARTIN L., and SPIRO, HOWARD M.: Comments on the use of blood pepsin (Pepsinogen) as a research technique. *Psychosomatic Medicine*, 23:420-425, 1961.
- SCHIEFF, SHELDON, and PILOT, MARTIN L.: An approach to psychiatric consultation in the general hospital. *A. M. A. Archives of General Psychiatry*, 1:349-357, 1959.
- SPIRO, H., and PILOT, M. L.: The irritable bowel. *Connecticut Medicine*, 23:1-5, 1959.
- MH-2470 (R01) DEAN, SANFORD J.: Symbolic mediation in learning. Syracuse University, Syracuse, N.Y. (1958- )
- DEAN, S. J., and HIESINGER, L.: Operant level, awareness, and the Greenspoon effect. *Psychological Reports*, 15:931-938, 1964.
- KATAHN, M.: Effect of anxiety (drive) on the acquisition and avoidance of a dominant intratask response. *Journal of Personality*, 32(4):642-650, 1964.
- KATAHN, MARTIN, and DEAN, SANFORD: Anxiety and stress in paired-associate learning with manipulated initial response strength. *Psychological Reports*, 14:959-965, 1964.
- MARTIN, R. B., and DEAN, S. J.: Implicit and explicit mediation in paired-associate learning. *Journal of Experimental Psychology*, 68(1):21-27, 1964.
- MARTIN, RANDALL, B., and DEAN SANFORD J.: Word familiarity and avoidance conditioning of verbal behavior. *Journal of Personality and Social Psychology*, 1(5):496-499, 1965.
- MARTIN, R. B., and DEAN, S. J.: Multidimensional stimulus differences in discrimination learning and verbalization of the reinforcement contingency. *Psychological Reports*, 16:235-240, 1965.

- Journal of Verbal Learning and Verbal Behavior*, 5(1):23-27, 1966.
- RESNICK, JEROME H.: Reversals in the superiority of performance of high- and low-anxious Ss in verbal conditioning. *Journal of Personality*, 33(2): 218-232, 1965.
- MH-2472 (R01) HALL, ROBERT L.: Experimental studies of interpersonal learning. University of Minnesota, Minneapolis, Minn. (1958-60)
- HALL, ROBERT L.: Two-alternative learning in interdependent dyads. In: Criswell, J., Solomon, H., and Suppes, P., eds. *Mathematical methods in small group processes*. Stanford, California, Stanford University, 1962, p. 180-192.
- MH-2474 (R01) PROCTOR, LORNE D., BEBIN, JOSE, KNIGHTON, ROBERT S., and NOSHAY, WILLIAM C.: Behavior changes in stimulating reticular formation. Henry Ford Hospital, Detroit, Mich. (1958-62)
- ENDE, H. VAN DER: A method for stimulation and simultaneous electroencephalogram recording. *Henry Ford Medical Bulletin*, 7:174-181, 1959.
- LUKASZOWSKI, J., and PROCTOR, L. D.: A system for the automatic frequency analysis of electroencephalograms. In: *Proceedings of the interdisciplinary clinic on the instrumentation requirements for psychophysiological research*. Foundation for Instrumentation, Education and Research, May, 1961.
- MCCRUM, W. R., and PROCTOR, L. D.: Observations on the unique electrical discharge following stimulation in monkey brain. *Henry Ford Hospital Medical Bulletin*, 2:99-111, 1963.
- PROCTOR, L. D., CHURCHILL, J. A., KNIGHTON, R. S., and BEBIN, J.: Changes in behavior through stimulation of the reticular formation of the monkey. In: Masserman, Jules H., ed. *Biological psychiatry*, Vol. 1. New York, Grune & Stratton, 1959, p. 20-24.
- PROCTOR, L. D., KNIGHTON, R. S., LUKASZEWSKI, J., and BEBIN, J.: Behavioral changes during hypothalamic or limbic stimulation in the monkey. *American Journal of Psychiatry*, 117(6):511-518, 1960.
- PROCTOR, L. D., LUKASZEWSKI, J., and MCCRUM, W. R.: Further observations on behavior and EEG changes on stimulation in the limbic system of the monkey. In: *Proceedings of the 3rd World Congress of Psychiatry*. Vol. 1. Montreal, University of Toronto Press/McGill University Press, 1961, p. 447-452.
- PROCTOR, L. D., MCCRUM, W. R., and LUKASZEWSKI, J.: Unusual seizure discharges on stimulation in the limbic system of the monkey. *Henry Ford Hospital Medical Bulletin*, 9:35-41, 1961.
- MH-2476 (R01) GOTTLIEB, JACQUES S., and GOODMAN, MORRIS: Serum protein specificities in mental disorders. Wayne State University, Detroit, Mich. (1958-64)
- BAUR, S., and GOODMAN, M.: Immunologic comparison of human adult thyroglobulin to other primate adult and human fetal thyroglobulins. *Journal of Immunology*, 93(2):183-191, 1964.
- GOODMAN, M.: On the emergence of intraspecific differences in the protein antigens of human beings. *American Naturalist*, 94:153-191, 1960.
- GOODMAN, M.: The species specificity of proteins as observed in the Wilson comparative analyses plates. *American Naturalist*, 94:184-186, 1960.
- GOODMAN, M.: A starch gel immunoelectrophoretic analysis of human  $\gamma$ -globulin demonstrating the inter- and intra-species variation of organisms. *Nature*, 185:474-475, 1960.
- GOODMAN, M.: The role of immunochemical differences in the phyletic development of human behavior. *Human Biology*, 33:131-162, 1961.
- GOODMAN, M.: Evolution of the immunologic species specificity of human serum proteins. *Human Biology*, 34:104-150, 1962.
- GOODMAN, M.: Man's place in the phylogeny of the primates as reflected in serum proteins. In: Washburn, S. L., ed. *Classification and human evolution*. Chicago, Viking Fund Publications in Anthropology, 1963, p. 204-234.
- GOODMAN, M., LUBY, E. D., FROHMAN, C. E., and GOTTLIEB, J. S.: Orosomucoid in schizophrenia. *Nature*, 192(4800):370-371, 1961.
- GOODMAN, M., and POULIK, E.: Effects of speciation on serum proteins in the genus *Macaca* with special reference to the polymorphic state of transferrin. *Nature*, 190:171-172, 1961.
- GOODMAN, M., POULIK, E., and POULIK, M. D.: Variations in the serum specificities of higher primates detected by two-dimensional starch-gel electrophoresis. *Nature*, 188(4744):78-79, 1960.
- GOODMAN, M., ROSENBLATT, M., GOTTLIEB, J. S., MILLER, J., and CHEN, C. H.: Effect of age, sex, and schizophrenia on thyroid autoantibody production. *Archives of General Psychiatry*, 8(5): 518-526, 1963.
- GOODMAN, M., and VULPE, M.: A quantitative immunochemical method for determining serum and cerebrospinal fluid proteins. *World Neurology*, 2:589-601, 1961.
- GOTTLIEB, JACQUES S.: Biochemistry and schizophrenia: Implications for the future. In: Hoch, H., and Zubin, Joseph, eds. *The future of psychiatry*. New York, Grune & Stratton, 1962, p. 103-115.

- ISEL, H., and GOODMAN, M.: Species and tissues specificity of lens and brain antigens of primates. *Federation Proceedings*, 23(2):450, 1964.
- SENBLATT, M., and GOODMAN, M.: A rapid method for identifying and determining the "purity" of thyroglobulin. *American Journal of Clinical Pathology*, 39(5):462-463, 1963.
- SENBLATT, MELVYN, GOODMAN, MORRIS, and REKLYS, EDWARD: Failure to detect by anaphylaxis antigenic abnormalities in schizophrenia. *Comprehensive Psychiatry*, 3(6):381-383, 1962.
- NER, FRANK N., and GOODMAN, MORRIS: Differences in the lactic dehydrogenases of primate brains. *Nature*, 209(5021):426-428, 1966.
- I-2478 (R01) PARK, PETER: A cross-cultural study of prealcoholic syndrome. Yale University, New Haven, Conn. (1958-62)
- PK, PETER: Drinking experiences of 806 Finnish alcoholics in comparison with similar experiences of 192 English alcoholics. *Acta Psychiatrica Scandinavica*, 38:227-246, 1962.
- I-2479 (R01) JONES, AUSTIN: Information deprivation in humans. University of Pittsburgh, Pittsburgh, Pa. (1958- )
- ES, A., WILKINSON, H. J., and BRADEN, I.: Information deprivation as a motivational variable. *Journal of Experimental Psychology*, 62:126-137, 1961.
- ES, A.: Supplementary report: Information deprivation and irrelevant drive as determiners of an instrumental response. *Journal of Experimental Psychology*, 62:310-311, 1961.
- ES, A.: Drive and incentive variables associated with the statistical properties of sequences of stimuli. *Journal of Experimental Psychology*, 67:423-431, 1964.
- I-2480 (R01) RICHARDSON, STEPHAN A., DORN-BUSCH, SANFORD M., and HASTORF, ALBERT H.: Childrens categories of interpersonal perception. Association for the Aid of Crippled Children, New York, N.Y. (1958-61)
- ODMAN, N., DORNBUSCH, S. M., RICHARDSON, S. A., and HASTORF, A. H.: Variant reactions to physical disabilities. *American Sociological Review*, 28(3):429-435, 1963.
- HARDSON, S. A.: Some social psychological consequences of handicapping. *Pediatrics*, 32:291-297, 1963.
- HARDSON, S. A., GOODMAN, N., HASTORF, A. H., and DORNBUSCH, S. M.: Cultural uniformity in reaction to physical disabilities. *American Sociological Review*, 26(2):241-247, 1961.
- HARDSON, S. A., HASTORF, A. H., and DORN-BUSCH, S. M.: Effects of physical disability on a child's discription of himself. *Child Development*, 35:893-907, 1964.
- MH-2482 (R01) PORTER, ROBERT W., and FRENCH, JOHN D.: An experimental study of psychosomatic mechanisms. University of California, Los Angeles, Calif. (1958-60)
- FEIDMAN, S., TODT, J. C., and PORTER, R. W.: Effect of adrenal cortical hormones on evoked potentials in the brain stem. *Neurology*, 11:109-115, 1961.
- MEIER, R., GREENHOOT, J., GOODMAN, J., and PORTER, R. W.: Serum cholesterol changes in monkeys induced by restraint. (Abstract) *Federation Proceedings*, 21(2):101, 1962.
- PORTER, R. W., and BORS, E.: Modulation of brain stem electrical activity by visceral (urinary bladder) distention. *Electroencephalography and Clinical Neurophysiology*, 14:527-534, 1962.
- PORTER, R. W., KAMIKAWA, K., and GREENHOOT, J.: Some neurophysiologic considerations in the pathogenesis of cardiac dysfunction. *Psychosomatic Medicine*, 24:518, 1962.
- MH-2484 (R01) MENZER-BENARON, DORIS LUDWIG, ALFRED O., MORRIS, THOMAS A., and STURGIS, SOMERS H.: Psychobiologic study of reproductive functions. Harvard Medical School, Boston, Mass. (1958-64)
- MENZER-BENARON, DORIS: Psychobiologic study of the Conversion process in women. In: Deutsch, Felix, ed. *On the mysterious leap from the mind to the body*. New York, International Universities Press, 1959, p. 155-181.
- SABBATH, JOSEPH C., MORRIS, THOMAS A., JR., MENZER-BENARON, DORIS, and STURGIS, SOMERS H.: Psychiatric observations in adolescent girls lacking ovarian function. *Psychosomatic Medicine*, 23(3):224-231, 1961.
- STURGIS, SOMERS H., MENZER-BENARON, DORIS, and MERRIS, THOMAS A.: *The gynecologic patient—A psychoendocrine study*. New York, Grune & Stratton, New York, 1962, 243 p.
- STURGIS, SOMERS H., ROBNEY, H., PIERSON, H., GATES, P., PLANT, T., and MENZER-BENARON, D.: Anaesthesia recovery patterns after elective hysterectomy. *Obstetrics and Gynecology*, 7:383, 1958.
- MH-2488 (R01) BLAU, ABRAM, BROWN, FRED, EASTON, KARL, and SLAFF, BERTRAM: A psychiatric study of prematurity. Mount Sinai Hospital, New York, N.Y. (1959-63)
- BLAU, ABRAM, SLAFF, BERTRAM, EASTON, KARL, WELKOWITZ, JOAN, SPINGARN, JAMES, and COHEN, JACOB: The psychogenic etiology of pre-

- mature births. A preliminary report. *Psychosomatic Medicine*, 25:201-211, 1963.
- BLAU, ABRAM, WEIKOWITZ, JOAN, COHEN, JACOB: Maternal attitude to pregnancy instrument. *Archives of General Psychiatry*, 10:324-331, 1964.
- EASTON, KARL, and BLAU, ABRAM: Neonatal and mother-infant observations in child psychiatry training. *Journal of the American Academy of Child Psychiatry*, 2:176-186, 1963.
- MH-2492 (R01) TORRES, FERNANDO: Reciprocal effects of various sensory stimuli. University of Minnesota, Minneapolis, Minn. (1958-62)
- TORRES, F.: Study of evoked potentials by multi-sensory stimulation: Some tentative clinical applications. *University of Minnesota Medical Bulletin*, 34:209-212, 1963.
- TORRES, F., and WARNER, J. S.: Delayed electrical responses to visual stimuli in the cat. (Abstract No. 215) In: 5th International Congress of Electroencephalography and Clinical Neurophysiology, Rome, September 7-13, 1961. (Excerpta Medica, International Congress Series No. 37).
- TORRES, F., and WARNER, J. S.: Some characteristics of delayed responses to photic stimuli in the cat. *Electroencephalography and Clinical Neurophysiology*, 14:654-663, 1962.
- MH-2497 (R01) FANTZ, ROBERT L.: The development of configurational vision in infancy. St. Vincent Charity Hospital, Cleveland, Ohio. (1958-61)
- FANTZ, ROBERT L.: A visual acuity test for infants under six months of age. *Psychological Record*, 9:159-164, 1959.
- FANTZ, ROBERT L.: A method for studying depth perception in infants under six months of age. *Psychological Record*, 11:27-32, 1961.
- FANTZ, ROBERT L.: The origin of form perception. *Scientific American*, 204:66-72, 1961.
- FANTZ, ROBERT L.: Ontogeny of perception. In: Schrier, Allan M., Harlow, Harry F., and Stollnitz, Fred, eds. *Behavior of nonhuman primates*. Vol. 2. New York, Academic Press, 1965, p. 365-403. (Also acknowledges MH-5284).
- FANTZ, ROBERT L., ORDY, J. M., and UDELF, M. S.: Maturation of pattern vision in infants during the first six months. *Journal of Comparative and Physiological Psychology*, 55:907-917, 1962. (Also acknowledges MH-5284).
- MH-2500 (R01) KLUCKHOHN, RICHARD, and WHITING, JOHN W.: Family structure and socialization processes. Harvard University, Cambridge, Mass. (1958-61)
- KLUCKHOHN, RICHARD: The konso economy of Southern Ethiopia. In: Bohannan, Paul, and Dalton, George, eds. *Markets in Africa*. Evanston, Ill., Northwestern University, 1962, p. 409-428.
- KLUCKHOHN, RICHARD: Creative approaches to family conflicts. In: Recent research on creative approaches to environmental stress: Proceedings of the Fourth Institute on Preventive Psychiatry. Iowa City, State University of Iowa, 1964, p. 141-160.
- MH-2502 (R01) NYE, F. IVAN: Preschool children of employed mothers. Washington State University, Pullman, Wash. (1958-60)
- HOFFMAN, IVAN W.: Mother's enjoyment of work and effects on the child. In: Nye, Ivan, and Hoffman, Lois, eds. *The employed mother in America*. Chicago, Rand McNally, 1963, p. 95-105.
- NYE, F. IVAN: Adjustment to children. In: Nye, F. Ivan, and Hoffman, Louis Wladis, eds. *The employed mother in America*. Chicago, Rand McNally, 1963, p. 353-363.
- NYE, F. I., PERRY, JOSEPH B., and OGLES, RICHARD H.: Anxiety and antisocial behavior in preschool children. In: Nye, F. Ivan, and Hoffman, Louis Wladis, eds. *The employed mother in America*. Chicago, Rand McNally, 1963, p. 82-94.
- PERRY, JOSEPH B., JR.: The mother substitutes of employed mothers. *Marriage and Family Living*, 24:362-368, 1961.
- PERRY, JOSEPH B.: Mother substitutes. In: Nye, F. Ivan, and Hoffman, Louis Wladis, eds. *The employed mother in America*. Chicago, Rand McNally, 1963, p. 182-189.
- MH-2503 (R01) ITTELSON, WILLIAM H., and KUTASH, SAMUEL B.: Perceptual flexibility and psychiatric diagnosis. Brooklyn College of the City University of New York, Brooklyn, N.Y. (1958-64)
- ITTELSON, W. H.: Visual space perception. New York, Springer, 1960, 212 p.
- ITTELSON, WILLIAM H., and KUTASH, SAMUEL B.: Perceptual changes in psychopathology. New Brunswick, N.J., Rutgers University Press, 1961, 262 p.
- ITTELSON, W. H., and SEIDENBERG, B.: The perception of faces: A further study of the Engel effect. *Journal of Psychology*, 53:247-255, 1962.
- ITTELSON, W. H., SEIDENBERG, B., and KUTASH, S. B.: A perceptual flexibility battery. *Perceptual and Motor Skills*, 12:3-9, 1961.
- ITTELSON, WILLIAM H., SEIDENBERG, B., and KUTASH, SAMUEL B.: Some perceptual differences in somatizing and nonsomatizing neuropsychiatric pa-

- tients. *Psychosomatic Medicine*, 23(3):219-223, 1961.
- MH-2508 (R01) LEWIS, DONALD J.: Studies of the fractional anticipatory goal response. Louisiana State University, Baton Rouge, La. (1958-61)
- DAMS, H. E., and LEWIS, D. J.: Electroconvulsive shock, retrograde amnesia, and competing responses. *Journal of Comparative and Physiological Psychology*, 55:299-301, 1962.
- DAMS, H. E., and LEWIS, D. J.: Retrograde amnesia and competing responses. *Journal of Comparative and Physiological Psychology*, 55:302-305, 1962.
- DER, T., and LEWIS, D. J.: Effects of salivary inhibitor and facilitator upon food intake. *Psychological Reports*, 7:115-118, 1960.
- EWIS, D. J., DIAMOND, A. L., and BUTLER, D.: Direct manipulation of the fractional anticipatory goal response. *Psychological Reports*, 4:575-578, 1958.
- EWIS, D. J., and KENT, NEIL D.: Attempted direct activation and deactivation of the fractional anticipatory goal response. *Psychological Reports*, 8:107-110, 1961.
- EWIS, D. J., and MCINTIRE, ROGER: A control for the direct manipulation of the fractional anticipatory goal response. *Psychological Reports*, 5:753-756, 1959.
- MH-2509 (R01) HUMPHREYS, LLOYD G.: Predicting advanced stages of academic learning. University of Illinois, Urbana, Ill. (1958-62)
- HUMPHREYS, LLOYD G.: Investigations of the simplex. *Psychometrika*, 25(4):313-323, 1960.
- HUMPHREYS, LLOYD G.: The organization of human abilities. *American Psychologist*, 17:476-483, 1962.
- HUMPHREYS, LLOYD G.: The nature and organization of human abilities. In: 19th Yearbook of the National Council on Measurement in Education, 1962, p. 39-45.
- HUMPHREYS, L. G.: Number of cases and number of factors: An example where N is very large. *Educational and Psychological Measurement*, 24(3):457-466, 1964.
- MH-2510 (R01) KNAPP, PETER H.: Psychoanalytic predictive study of depressive emotion. Massachusetts Memorial Hospitals, Boston, Mass. (1958-61)
- KNAPP, PETER H.: The asthmatic child and the psychosomatic problem of asthma: toward a general theory. In: Schneer, H., ed. *The asthmatic child; psychosomatic approach to problems and treatment*. New York, Hoeber, 1962, p. 234-255.
- KNAPP, PETER H.: Methods and models. A psychodynamic predictive approach to bronchial asthma. *Journal of Nervous and Mental Disease*, 135:440-454, 1962.
- KNAPP, PETER H.: Short term psychoanalytic and psychosomatic predictions. *Journal of the American Psychoanalytical Association*, 11:245-280, 1963.
- KNAPP, PETER H., and BAHNSON, CLAUS BAHNE: The emotional field. A sequential study of mood and fantasy in two asthmatic patients. *Psychosomatic Medicine*, 25:460-483, 1963.
- MH-2516 (R01) KELMAN, HERBERT C.: Social influence and behavior change. Harvard University, Cambridge, Mass. (1958-62) (Continued as MH-7280).
- BAILYN, LOTTE, and KELMAN, H. C.: The effects of a year's experience in America on the self-image of Scandinavians. *Journal of Social Issues*, 18(1):30-40, 1962. (Also acknowledges MH-7280).
- KELMAN, H. C.: The induction of action and attitude change. In: Coopersmith, S., ed. *Personality research*. Copenhagen, Munksgaard, 1962, p. 81-110. (Also acknowledges MH-7280).
- KELMAN, H. C.: Processes of opinion change. *Public Opinion Quarterly*, 25:57-78, 1961. Also in: Hollander, E. P., and Hunt, R. G., eds. *Current perspectives in social psychology. Three processes of social influence*. New York, Oxford University, 1963, p. 454-462. (Also acknowledges MH-7280).
- KELMAN, H. C.: The role of the group in the induction of therapeutic change. *International Journal of Group Psychotherapy*, 13(4):399-432, 1963. (Also acknowledges MH-7280).
- KELMAN, H. C., and BAILYN, LOTTE: Effects of cross-cultural experience on national images: A study of Scandinavian students in America. *Journal of Conflict Resolution*, 6(4):319-334, 1962. (Also acknowledges MH-7280).
- KELMAN, HERBERT C., and BRACLAY, JANET: The F scale as a measure of breadth of perspective. *Journal of Abnormal and Social Psychology*, 67(6):608-615, 1963.
- MH-2521 (R01) JENNINGS, PERCY H., BLOCK, JEANNE H., and HARVEY, ELINOR B.: Psychogenic factors in bronchial asthma in children. Childrens Hospital of the East Bay, Oakland, Calif. (1958-62)
- BLOCK, JEANNE, JENNINGS, PERCY H., HARVEY, ELINOR, and SIMPSON, ELAINE: Interaction between allergic potential and psychopathology in childhood asthma. *Psychosomatic Medicine*, 26:307-320, 1964.

- MH-2525 (R1) WITTENBORN, JOHN R.: Study of affective depressions. Rutgers--The State University, New Brunswick, N.J. (1958- )
- WITTENBORN, J. R.: Rating scales in diagnosis. In: Nodine, John H., and Moyer, John H., eds. *Psychosomatic medicine*. First Hahnemann Symposium. Philadelphia, Lea & Febiger, 1962, p. 55-60. (Also acknowledges MH-2093 and MH-3008).
- WITTENBORN, J. R., DEMPSTER, A., MAURER, H., and PLANTE, M.: Pretreatment individual differences as potential predictors of response to pharmacology. *Journal of Nervous Mental Diseases*, 139:186-194, 1964.
- WITTENBORN, J. R., MAURER, HELEN, and PLANTE, M.: Methods for treating depression evaluated after the elapse of one year. *Journal of Nervous and Mental Disease*, 136:492-499, 1963.
- WITTENBORN, J. R., and PLANTE, M.: Patterns of response to placebo, iproniazid and electroconvulsive therapy among young depressed females. *Journal of Nervous and Mental Disease*, 137(2): 155-161, 1963.
- WITTENBORN, J. R., PLANTE, M., and BURGESS, FRANCES: A comparison of physicians' and nurses' symptom ratings. *Journal of Nervous and Mental Disease*, 133(6):514-518, 1961.
- WITTENBORN, J. R., PLANTE, M., BURGESS, FRANCES, and LIVERMORE, NANCY: The efficacy of electro-convulsive therapy, iproniazid and placebo in the treatment of young depressed women. *Journal of Nervous and Mental Disease*, 133:316-332, 1961.
- WITTENBORN, J. R., PLANTE, M., BURGESS, F., LIVERMORE, N., SOHLER, A., and TOBIN, J. M.: Preliminary report on the study of affective depressions. In: Transactions of the 5th Research Conference on Cooperative Chemotherapy Studies in Psychiatry and Broad Research Approaches to Mental Illness (Veterans Administration), 5:53-57, 1960.
- WITTENBORN, J. R., PLANTE, M., BURGESS, FRANCES, and MAURER, HELEN: A comparison of Imipramine, electroconvulsive therapy and placebo in the treatment of depressions. *Journal of Nervous and Mental Disease*, 135:131-137, 1962.
- MH-2526 (R01) GOODE, WILLIAM J.: A propositional inventory of family theory. Columbia University, New York, N.Y. (1958-60) (Continued as MH-5181).
- GOODE, WILLIAM J.: The theoretical importance of love. *American Sociological Review*, 24:38-47, 1959.
- GOODE, WILLIAM J.: Norm commitment and conformity to role-status obligations. *American Journal of Sociology*, 66:246-258, 1960.
- GOODE, WILLIAM J.: Illegitimacy in the Caribbean social structure. *American Sociological Review*, 25:21-30, 1960.
- GOODE, WILLIAM J.: A theory of role strain. *American Sociological Review*, 25:483-496, 1960.
- GOODE, WILLIAM J.: Die Struktur der Familie. Westdeutscher Verlag, Köln und Opladen, 1960, 107 p.
- GOODE, WILLIAM J.: Illegitimacy, anomie, and cultural penetration. *American Sociological Review*, 26:910-925, 1961. (Also acknowledges MH-5181).
- GOODE, WILLIAM J.: Family disorganization. In: Merton, Robert K., and Nisbet, Robert A. *Social disorganization*. New York, Harcourt, Brace, 1961, p. 390-458. (Also acknowledges MH-5181).
- GOODE, WILLIAM J.: The sociology of the family. In: Merton, R. K., Broom, L., and Contrell, L. S., Jr., eds. *Sociology today*. New York, Basic Books, 1961, p. 178-196. (Also acknowledges MH-5181).
- GOODE, WILLIAM J.: The family as an element in the world revolution. New York, Institute of Life Insurance, 1962, 19 p. (Also acknowledges MH-5181).
- GOODE, WILLIAM J.: Marital satisfaction and instability: A cross-cultural class analysis of divorce rates. *International Social Science Journal*, 14(3): 507-526, 1962. (Also acknowledges MH-5181).
- GOODE, WILLIAM J.: Outdoor recreation and the family to the year 2000. In: Trends in American living and outdoor recreation. (ORRRC Study Report 22). Washington, D.C., Government Printing Office, 1962, p. 101-113. (Also acknowledges MH-5181).
- GOODE, WILLIAM J.: Industrialization and family change. In: Hoselits, Bert F., and Moore, Wilbert E., eds. *Industrialization and Society*. New York, UNESCO, 1963, p. 237-255. (Also acknowledges MH-5181).
- GOODE, WILLIAM J.: The role of the family in industrialization. In: Social problems of development and industrialization: Science, technology, and development. *United Nations Conference Papers on the Application of Science and Technology for the Benefit of the Less Developed Areas* (Geneva). Vol. 7. Washington, D.C., Government Printing Office, 1963, p. 32-38. (Also acknowledges MH-5181).
- GOODE, WILLIAM J.: World revolution and family patterns. New York, Free Press of Glencoe, 1963. (Also acknowledges MH-5181).
- MH-2528 (R01) ENGEL, EDWARD, and BASOWITZ, HAROLD: Adaptation in artificially induced ani-

- seikonia. State University of New York—Upstate Medical Center, Syracuse, N.Y. (1958-63)
- NGEL, E.: Binocular methods in psychological research. In: Kilpatrick, F. P., ed. *Explorations in transactional psychology*. New York, New York University Press, 1960, p. 290-305.
- NGEL, E.: Incidence and magnitude of structurally imposed retinal image size differences. *Perceptual and Motor Skills*, 16:377-384, 1963.
- NGEL, E.: Stereoscopic distortion and structurally-imposed retinal-image-size-differences. *Perceptual and Motor Skills*, 18:31-38, 1964.
- NGEL, E., and REED, C. F.: Perceptual achievement and visual defect. *New York State Psychologist*, 15:4, 1963.
- TH-2529 (R01) ZIMMERMAN, DONALD W., DUNN, LLOYD M., and HOBBS, NICHOLAS: Physio- and sociopsychological aspects of retardation. George Peabody College for Teachers, Nashville, Tenn. (1958-63)
- BARTLETT, C. J., QUAY, L. C., and WRIGHTSMAN, L. S., JR.: A comparison of two methods of attitude measurement: Likert-type and forced-type. *Educational and Psychological Measurement*, 20: 699-704, 1960.
- USKIN, S. L.: The perception of subnormality in mentally defective children. *American Journal of Mental Deficiency*, 67:53-60, 1962.
- USKIN, S. L.: Measuring the strength of the stereotype of the mental defective. *American Journal of Mental Deficiency*, 67:569-575, 1963.
- HOBBS, M. T.: A comparison of institutionalized and non-institutionalized mentally retarded. *American Journal of Mental Deficiency*, 69:206-210, 1964.
- HOMPSON, ROBERT: Interpeduncular nucleus and avoidance conditioning in the rat. *Science*, 132: 1551-1553, 1960.
- HOMPSON, R. BAUMEISTER, A. A., and RICH, I.: Subcortical mechanisms in a successive brightness discrimination habit in the rat. *Journal of Comparative and Physiological Psychology*, 55:361-368, 1962.
- HOMPSON, R., DUKE, R. B., MALIN, C. F., and HAWKINS, W. F.: The interpeduncular nucleus and retention in albino rats. *Journal of Comparative and Physiological Psychology*, 54:329-333, 1961.
- HOMPSON, R., and HAWKINS, W. F.: Memory as affected by mamillary body lesions in the rat. *Experimental Neurology*, 3:189-196, 1961.
- HOMPSON, R., and MALIN, CHARLES F., JR.: The effect of neocortical lesions on retention of a successive brightness discrimination in rats. *Journal of Comparative and Physiological Psychology*, 54:326-328, 1961.
- THOMPSON, R., MALIN, C. F., and HAWKINS, W. F.: Effect of subcortical lesions on retention of a kinesthetic discrimination habit. *Experimental Neurology*, 3:367-374, 1961.
- THOMPSON, R., and MASSOPUST, L. C.: The effect of subcortical lesions on retention of a brightness discrimination in rats. *Journal of Comparative and Physiological Psychology*, 53:488-496, 1960.
- QUAY, L. C.: Problems in the evaluation of attendant employee training programs. *American Journal of Mental Deficiency*, 65:323-325, 1960.
- QUAY, L. C., BARTLETT, C. J., WRIGHTSMAN, L. S., JR., and CATRON, D.: Attitude change in attendant employees. *Journal of Social Psychology*, 55:27-31, 1961.
- ZIMMERMAN, D. W.: A conceptual approach to some problems in mental retardation. *Psychological Records*, 15(2):175-183, 1965.
- MH-2530 (R01) WEST, CHARLES D., and BLISS, EUGENE L.: Endocrinologic disturbance in psychogenic amenorrhea. University of Utah, Salt Lake City, Utah. (1958-61)
- GORTATOWSKI, MELVIN J., KUMAGAI, LINDY F., and WEST, CHARLES D.: Synthesis of ring-labeled L-thyroxine- $C^{14}$ . *Journal of Medicinal Chemistry*, 6:800-802, 1963.
- WEST, C. D., SIMONS, E. L., GORTATOWSKI, MELVIN J., and KUMAGAI, L. F.: The metabolism of ring-labeled L-thyroxine- $C^{14}$  "in vivo." *Journal of Clinical Investigation*, 42(7):1134-1141, 1963.
- MH-2534 (R01) TITCHENER, JAMES L.: The individual and his family. University of Cincinnati College of Medicine, Cincinnati, Ohio. (1958-64)
- TITCHENER, JAMES, D'ZMURA, T., GOLDEN, M., and EMERSON, R.: Family transaction and derivation of individuality. *Family Process*, 2(1):95-120, 1963.
- TITCHENER, J., and GOLDEN, M.: Predictions of therapeutic themes from family interaction. *Journal of Nervous and Mental Disease*, 136:464-499, 1963.
- TITCHENER, J., RISKIN, J., and EMERSON, R.: The family in psychosomatic process. *Psychosomatic Medicine*, 22(2):127-142, 1960. (Also acknowledges MH-999).
- MH-2535 (R10) PASAMANICK, BENJAMIN, and DUTY, JOSEPH E.: Home versus hospital care for schizophrenics. Columbus Psychiatric Institute and

- Hospital, Columbus, Ohio. (1958-65) (Continued as MH-7874).
- PASAMANICK, BENJAMIN, SCARPITTI, F., LEFTON, MARK, DINITZ, SIMON, WERNERT, J. J., and MCPHEETERS, H.: Home vs. hospital care for schizophrenics. *Journal of the American Medical Association*, 187:177-181, 1964. (Also acknowledges MH-7874).
- SCARPITTI, F., LEFTON, MARK, DINITZ, SIMON, and PASAMANICK, BENJAMIN: Problems in a home care study for schizophrenics. *Archives of General Psychiatry*, 10:143-154, 1964. (Also acknowledges MH-7874).
- MH-2537 (R01) MERTZ, EDWIN T., and JOLLY, DONALD H.: Etiology of emaciation in mentally defective children. Purdue University, Lafayette, Ind. (1958-63)
- CULLEY, W. J., JOLLY, D. H., and MERTZ, E. T.: Heights and weights of mentally retarded children. *American Journal of Mental Deficiency*, 68:203-210, 1963.
- CULLEY, W. J., SAUNDERS, R. N., MERTZ, E. T., and JOLLY, D. H.: Serum proteins and hematocrits of mentally retarded patients. *American Journal of Mental Deficiency*, 67:856-859, 1963.
- MERTZ, E. T., CULLEY, W. J., JOLLY, D. H., and CALANDRO, J.: Protein malnutrition in mentally retarded children. In: Meeting protein needs of infants and children, Publication 843, National Academy of Sciences—National Research Council, Washington, D.C., 1961, p. 313-318.
- MH-2540 (R01) KRANTZ, JOHN C., JR.: Pharmacological studies of hexafluorodiethyl ether. University of Maryland, Baltimore, Md. (1958-62)
- KRANTZ, J. C., JR., MANCHEY, L. L., TRUITT, E. B., JR., LING, A. S. C., and KURLAND, A. A.: The availability of hexafluorodiethyl ether by intravenous injection as a consultant in psychiatric treatment. *Journal of Nervous and Mental Diseases*, 129:92-94, 1959.
- KRANTZ, JOHN C., JR., and TRUITT, E. B., JR.: The pharmacologic and therapeutic properties of hexafluorodiethyl ether (indoklon). In: Honoris causa volume for Professor G. Joachimoglu, Athens, Press of Monotypias School, 1959, p. 60-63.
- KRANTZ, JOHN C., JR., TRUITT, E. B., JR., LING, A. S. C., and KURLAND, A. A.: Sustained exposure to hexafluorodiethyl ether (indoklon) in mental illness. *Toxicology and Applied Pharmacology*, 1(4):362-365, 1959.
- LING, A. S. C., BELL, F. K., and KRANTZ, J. C., JR.: Anesthesia 62; The effect of hexafluorodiethyl ether on brain cholinesterase activity. *Anesthesiology*, 22:426-428, 1961.
- LING, A. S. C., and KRANTZ, J. C., JR.: Anesthesia 62: The effect of hexafluorodiethyl ether and trifluoroethyl vinyl. Ether on cerebral metabolism. *Anesthesiology*, 21:518-521, 1960.
- LING, ALFRED S. C., TRUITT, E. B., JR., and KRANTZ, J. C., JR.: Anesthesia LIX: Effect of anesthesia with ether, fluoromar, and thiopental sodium on indoklon-induced cerebral cortical seizures. *Anesthesiology*, 20:173-176, 1959.
- LING, ALFRED S. C., TRUITT, E. B., JR., and KRANTZ, J. C., JR.: Further pharmacologic studies on hexafluorodiethyl ether (HFE). *Journal of Pharmacology and Experimental Therapeutics*, 126:366-373, 1959.
- TRUITT, E. B., JR., and EBERSBERGER, E. M.: The therapeutic index of hexafluorodiethyl ether (indoklon) and its modification by reserpine, chlorpromazine and iproniazine. *Archives Internationales de Pharmacodynamie et de Therapie*, 129:223-235, 1960.
- TRUITT, E. B., JR., and EBERSBERGER, E. M.: Decarboxylase inhibitors affect convulsion thresholds to hexafluorodiethyl ether. *Science*, 135:105-106, 1962.
- TRUITT, E. B., JR., EBERSBERGER, E. M., and LING, A. S. C.: Measurement of brain excitability by use of hexafluorodiethyl ether. *Journal of Pharmacology and Experimental Therapeutics*, 129:445-453, 1960.
- MH-2546 (R01) WENAR, CHARLES: Etiology of psychosomatic and emotional disorders. University of Pennsylvania, Philadelphia, Pa. (1958-59)
- WENAR, C., HANDLON, M. W., and GARNER, A. M.: Origins of psychosomatic and emotional disturbances: A study of mother-child relationships. New York, Hoeber, 1962, 73 p. (A Psychosomatic Medicine Monograph) (Also acknowledges MH-5044).
- WENAR, C., WEIMAN, M., and GARNER, A. M.: Patterns of mothering in psychosomatic and severe emotional disturbances. *Merrill-Palmer Quarterly*, 6:165-170, 1959-1960.
- MH-2547 (R01) OLSON, ROBERT E., and VESTER, JOHN W.: Study of a somatic trait for chronic alcoholism. University of Pittsburgh, Pittsburgh, Pa. (1958-61)
- GURSHY, D., and OLSON, R. E.: Depression of serotonin and norepinephrine levels in brain stem of rabbit by ethanol. *Proceedings of the Society for Experimental Biology and Medicine*, 104:280-281, 1960.
- MCCORD, W., MCCORD, JOAN, and HOWARD, ALAN: Familial correlates of aggression in non-delinquent male children. *Journal of Abnormal and Social Psychology*, 62(1):79-93, 1961.



- McMANUS, I. R., CONTAG, A. O., and OLSON, R. E.: Characterization of endogenous ethanol in the mammal. *Science*, 131(3393):102-103, 1960.
- OLSON, R. E., GURSEY, D., and VESTER, J. W.: Evidence for a defect in tryptophan metabolism in chronic alcoholism. *New England Journal of Medicine*, 263:1169-1174, 1960.
- RICE, R. W., OLSON, R. E., and SWERNEY, P. D.: A study of serum copper and certain "acute-phase reactants" in alcoholics. *Quarterly Journal of Studies on Alcohol*, 22:544-549, 1961.
- MH-2552 (R01) MASUDA, MINORU: Urinary aromatic excretion in normals and mentally ill. University of Washington, Seattle, Wash. (1958-61)
- MASUDA, MINORU, and DORPAT, THEODORE L.: Urinary aromatic metabolites in normal subjects after LSD. *Journal of Nervous and Mental Disease*, 130:224-229, 1960. (Also acknowledges MH-1948).
- MASUDA, MINORU, SLONECKER, JOHN S., and DORPAT, THEODORE L.: Urinary aromatic metabolites in schizophrenia. *Journal of Nervous and Mental Disease*, 130:125-133, 1960.
- MH-2553 (R01) DANIEL, ROBERT S., and LAGO, GLADWYN V.: Electronic data processing of EEG patterns. University of Missouri, Columbia, Mo. (1958-64)
- ALEXANDER, FRED L.: An amplitude distribution analyzer for studying brain waves. *IRE Transactions of Bio-Medical Electronics*, 8:144-147, 1961.
- COPOLD, DIANNE A.: Interhemispheric spread and graded response in spreading cortical depression. *Psychonomic Science*, 2(11):343-344, 1965.
- DANIEL, ROBERT S.: Electronic data processing of the EEG. *Psychophysiology Newsletter*, 8:31-32, 1962.
- DANIEL, R. S.: Electroencephalographic correlogram ratios and their stability. *Science*, 145:721-723, 1964.
- DANIEL, ROBERT S.: Electroencephalographic pattern quantification and the arousal continuum. *Psychophysiology*, 2(2):146-160, 1965.
- FREEDMAN, NELSON L.: Bilateral differences in the human occipal electroencephalogram with unilateral photic driving. *Science*, 142:598-599, 1961.
- FREEDMAN, NELSON, L., HAFFER, BRENNAN M., and DANIEL, ROBERT S.: EEG arousal decrement during paired-associate learning. *Journal of Comparative and Physiological Psychology*, 61(1):15-19, 1966.
- GOLDSTEIN, A. G., SLOBODA, W., and JENNINGS, J. B.: Spontaneous electrical activity of three types of EEG electrodes. *Psychophysiology Newsletter*, 8:10-16, 1962.
- MH-2554 (R01) PIERREL, ROSEMARY: Instrumental generalization gradients. Columbia University, New York, N.Y. (1958-61) (Continued as MH-5757).
- HEGGE, F. W., PIERREL, R., and SHERMAN, J. G.: A five-channel photoelectric programmer. *Journal of the Experimental Analysis of Behavior*, 7(4):326, 1964. (Also acknowledges MH-5757).
- PIERREL, R., and SHERMAN, J. G.: Generalization of auditory intensity following discrimination training. *Journal of the Experimental Analysis of Behavior*, 3:313-322, 1960.
- PIERREL, R., and SHERMAN, J. G.: Generalization and discrimination as a function of the  $S^D$ - $S^A$  difference. *Journal of the Experimental Analysis of Behavior*, 5(1):67-71, 1962. (Also acknowledges MH-5757).
- PIERREL, R., SHERMAN, J. G., and FISCHMAN, M. W.: Generalization of auditory intensity as a function of small amounts of discrimination training. *Journal of the Experimental Analysis of Behavior*, 6:545-548, 1963. (Also acknowledges MH-5757).
- SHERMAN, J. G., HEGGE, F. W., and PIERREL, R.: Discrimination formation as related to the amount of  $S^A$  training. *Psychonomic Science*, 1:43-44, 1964. (Also acknowledges MH-5757).
- SHERMAN, J. G., and PIERREL, R.: Generalization of auditory intensity as a function of the amount of discrimination training. *Journal of the Experimental Analysis of Behavior*, 4:237-241, 1961. (Also acknowledges MH-5757).
- MH-2555 (R03) CHANCE, NORMAN A.: The Barter Island study of cultural change. University of Oklahoma, Norman, Okla. (1958-59)
- CHANCE, NORMAN A.: Culture change and integration: An Eskimo example. *American Anthropologist*, 62(6):1028-1044, 1960.
- CHANCE, NORMAN A.: Investigation of the Eskimos at Barter Island, Alaska to rapid cultural changes. *Arctic*, 13(3), 1960.
- CHANCE, NORMAN A.: Conceptual and methodological problems in cross-cultural health research. *American Journal of Public Health*, 52:410-417, 1962.
- MH-2556 (R01) RENNEKER, RICHARD: Study of nonverbal behavior during analysis. Mount Sinai Hospital, Los Angeles, Calif. (1958-60)
- RENNEKER, RICHARD: Kinesic research in psychotherapy. In: Knapp, P. B., ed. *Expression of the*

- emotion in man. New York, International Universities Press, 1963, p. 147-160.
- MH-2557 (R03) MISCHEL, WALTER, and MISCHEL, FRANCES: Cross cultural study of culture and personality. Individual, Boulder, Colo. (1958-58)
- MISCHEL, WALTER: Delay of gratification, need for achievement, and acquiescence in another culture. *Journal of Abnormal and Social Psychology*, 62: 543-552, 1961.
- MISCHEL, WALTER: Father-absence and delay of gratification: Cross-cultural comparisons. *Journal of Abnormal and Social Psychology*, 63:116-124, 1961.
- MISCHEL, WALTER, and MISCHEL, F.: Psychological aspects of spirit possession: A reinforcement analysis. *American Anthropologist*, 60:249-260, 1958.
- MH-2560 (R03) PROKASY, WILLIAM F., JR.: Effects of instruction set on anxiety in conditioning. Pennsylvania State University, University Park, Pa. (1958-59)
- PROKASY, WILLIAM F., and WHALEY, FRANCIS L.: Manifest anxiety scale score and the ready signal in classical conditioning. *Journal of Experimental Psychology*, 63(2):119-123, 1962.
- MH-2561 (R03) RAPAPORT, IONEL F., and RARICK, G. LAWRENCE: Bone and soft tissue development in mongolism. University of Wisconsin, Madison, Wisc. (1958-59)
- KELMAN, H. C., and BARCLAY, JANET: The F Scale as a measure of breadth of perspective. *Journal of Abnormal and Social Psychology*, 67(6):608-615, 1963. (Also acknowledges MH-7280).
- RARICK, LAWRENCE, RAPAPORT, IONEL, and SEEFELDT, VERN: Bone development in Down's disease. *American Journal of Diseases of Children*, 107:7-13, 1964. (Also acknowledges MH-3322).
- MH-2562 (R01) LONDON, IRVING M., ABRAMSON, ARTHUR S., EDER, HOWARD A., MAKOVER, HENRY, and WHITE, ABRAHAM: Comprehensive program of research in aging. Yeshiva University—Albert Einstein College of Medicine, New York, N.Y. (1958-63)
- ABRAMSON, ARTHUR S., and DELAGI, EDWARD F.: Influence of weight-bearing and muscle contraction on disuse osteoporosis. *Archives of Physical Medicine and Rehabilitation*, 42:147-151, 1961.
- ABRAMSON, A., KUTNER, B., ROSENBERG, P., BERGER, R., and WEINER, H.: A therapeutic community in rehabilitation medicine. *Journal of Chronic Diseases*, 16:179-186, 1963.
- ADEL, H. N., DALY, M. M., DEMING, Q. B., BRUN, L., and RAEFF, V.: Effect of hypertension on cholesterol synthesis in the rat. (Abstract) *Circulation*, 26:681, 1962.
- BARLAND, PETER, and HAMERMAN, DAVID: Studies on oxidative and hydrolytic enzymes in synovial membrane of normal and arthritic patients. *Bulletin of New York Academy of Medicine*, 38:507, 1962.
- BARLAND, PETER, NOVIKOFF, A. B., and HAMERMAN, DAVID: Cytochemistry and electron microscopy of the rheumatoid synovial membrane with special reference to lysosomes. *Journal of Cell Biology*, 14:207, 1962.
- BENESCH, R., and RANNEY, H. M.: Some observation on hemoglobin H. (Abstract) *Federation Proceedings*, 20:70, 1961.
- BENESCH, R., RANNEY, H. M., and BENESCH, R. E.: Isomeric forms of hemoglobin H. (Abstract) *Federation Proceedings*, 21(Part II):72, 1962.
- BENESCH, R. E., RANNEY, H. M., and SMITH, G. M.: The chemistry of the Bohr effect. II. Some properties of hemoglobin H. *Journal of Biological Chemistry*, 236:2926-2929, 1961.
- BLUMENFELD, O., and GALLOP, P. M.: The participation of aspartyl residues in the hydroxylamine- or hydrazine-sensitive bonds of collagen. *Biochemistry*, 1:947-959, 1962.
- BLUMENFELD, O., and GALLOP, P. M.: The roles of aspartic acid in the intramolecular ester cross linkages of collagen. *Federation Proceedings*, 21: 409, 1962.
- BLUMENFELD, O., PAZ, MERCEDES, GALLOP, PAUL M., and SEIFTER, SAM: The nature, quantity, and mode of attachment of hexoses in ichthyocol. *Journal of Biological Chemistry*, 238(12):3835-3839, 1963.
- COLP, R. C., SUNG, PARK SUH, and WILLIAMS, M. H., JR.: Pulmonary function studies in pneumonia. *American Review of Respiratory Diseases*, 85(6): 808-815, 1962.
- COLP, R. CHARLOTTE, and WILLIAMS, M. H., JR.: Pulmonary function following pulmonary embolization. *American Review of Respiratory Diseases*, 85(6):799-807, 1962.
- D'ADAMO, A. F., JR., and HOBERMAN, H. D.: Coupling of oxidation of substrates to reductive biosynthesis. III. Studies with L and D - lactates. *Journal of Biological Chemistry*, 235:514-518, 1960.
- DALY, M. M., DEMING, Q. B., RAEFF, V., and BRUN, L.: Cholesterol concentration and cholesterol synthesis in aortas of rats with renal hypertension. *Journal of Clinical Investigation*, 42: 1606-1612, 1963.

- DALY, M. M., and RAEFF, V.: Effect of hypertension on cholesterol synthesis in rat aorta. *Circulation*, 26:705, 1962.
- DAVIS, P. R.: Carbonic anhydrase. In: Boyer, P. D., Lardy, H., and Myrback, K., eds. *The enzymes*, 2nd ed. Vol. 5. New York, Academic Press, 1961.
- DAVIS, P. ROBERT: Pyelonephritis. *Medical Science*, 12:458-470, 1962.
- DAVIS, P. R.: The measurement of carbonic anhydrase activity. In: Glick, D., ed. *Methods of biochemical analysis*. Vol. 11. New York, Interscience, 1963, p. 307-327.
- DAVIS, P. ROBERT, ATSMON, A., and RAND, F. G.: Metabolic control reactions in the kidney in potassium depletion. *Clinical Research*, 12:250, 1964.
- DAVIS, P. ROBERT, and CANESSA-FISCHER, M.: A metabolic basis for the action of vasopressin. (Abstract) *Circulation*, 24:915, 1961.
- DAVIS, P. ROBERT, CANESSA-FISCHER, M.: Fluorescence spectrophotometric studies of metabolic control in the isolated living toad bladder. (Abstract) *Journal of Clinical Investigation*, 40:1032, 1961.
- DAWSON, R. F., CHRISTMAN, D. R., ANDERSON, R. C., SOLT, M. L., D'ADAMO, A. F., JR., and WEISS, U.: Biosynthesis of the pyridine ring of nicotine. *Journal of the American Chemical Society*, 78:2645-2646, 1958.
- DRAPKIN, A.: Lipo atrophic diabetes. *New York State Journal of Medicine*, 62:855-858, 1962.
- EAGLE, HARRY: Population density and the nutrition of cultured mammalian cells. In: *The general physiology of cell specialization*. New York, McGraw-Hill, 1963, p. 148-170.
- EAGLE, H., and LEVINTOW, L.: Amino acid and protein metabolism. I. The metabolic characteristics of serially propagated cells. In: Willmer, E. N. *Cells and tissue in culture*. Vol. 1. New York, Academic Press, 1965, p. 277-295.
- EAGLE, HARRY, and PIEZ, KARL: Amino acid pools, protein synthesis and protein turnover in human cell cultures. In: *Amino acid pools*. Amsterdam, Elsevier, 1962, p. 694-705.
- EDER, H. A.: Hypo- and hyperlipidemia in Cecil and Loeb. In: Beeson, P., and McDermott, W., eds. *Textbook of Medicine*, 11th edition. 1963.
- EDER, H. A., GILSON, E. L., and KLEIN, C.: The regulation of cholesterol biosynthesis. (Abstract) *5th International Congress of Biochemistry*, New York, Pergamon Press, 1961, p. 545.
- FELDMAN, RONALD, and WILLIAMS, HENRY M., JR.: Acute ventilatory failure. *New York State Journal of Medicine*, 63:3355-3360, 1963.
- FRANZBLAU, CARL, GALLOP, M. PAUL, SEIFTER, SAM: The presence in collagen of  $\gamma$  glutamyl peptide linkages. *Biopolymers*, 1:79-97, 1963.
- GALLOP, PAUL: Concerning some special structural features of the collagen molecule. *Biophysical Journal*, 4(1):79-92, 1964. Part 2.
- GALLOP, P. M., and SEIFTER, S.: Features of primary structure and unusual linkages in collagen. In: Ramanathan, N., ed. *Technical seminar on collagen*. New York, Interscience, 1962.
- GELLER, J.: The effect of 17-ethyl-19-nortestosterone 3-enol propionate (SC 7294) on the metabolism of adrenal cortical steroid. *Journal of Clinical Endocrinology and Metabolism*, 22:1116-1121, 1962.
- GELLER, J.: The effect of 17 $\alpha$ -ethyl-19-nortestosterone and 3-enol-propionate on growth and endocrine function in normal young males of short stature. *Acta Endocrinologica*, 45:13-25, 1964.
- GELLER, J., and LOH, ARTHUR: Identification and measurement of growth hormone in extracts of human urine. *Journal of Clinical Endocrinology*, 23(11):1107-1114, 1963.
- GELLER, J., VOLK, H., and LEWIN, M.: Objective remission of metastatic breast carcinoma in a male who received 17-alpha-hydroxy progesterone caproate (Delalutin). *Cancer Chemotherapy Reports*, 14:77-81, 1961.
- GOTTFRIED, E., and RAPPORT, M.: Comparison of hemolytic activity of various lysophosphatidyl. (Abstract) *Federation Proceedings*, 21:293, 1962.
- GOTTFRIED, E., and RAPPORT, M.: The biochemistry of plasmalogens. I. Isolation and characterization of phosphatidyl choline, a pure native plasmalogen. *Journal of Biological Chemistry*, 237:329-333, 1962.
- GOTTFRIED, E., and RAPPORT, M.: The biochemistry of plasmalogens. III. Concentration in tissues of the rat as a function of age. *Biochemistry*, 2:646-648, 1963.
- GOTTFRIED, E., and RAPPORT, M.: Specificity of snake venom phospholipase A in ether and in aqueous media. (Abstract) *Federation Proceedings*, 22:295, 1963.
- GOTTFRIED, E., and RAPPORT, M.: The biochemistry of plasmalogen. II. Hemolytic activity of some plasmalogen derivatives. *Journal of Lipid Research*, 4:57-62, 1963.
- GROSS, RUTH: A variant type of GSPD deficiency in an Italian family. In: Goldschmidt, E., ed. *The genetics of migrant and isolate populations*. Baltimore, Md., Williams & Wilkins, 1963, p. 83.
- HAYS, RICHARD, and LEAF, A.: Inadequacy of the "pore theory" to account for the action of neurohypophyseal hormones on water and solute move-

- ment across a living membrane. (Abstract) *Journal of Clinical Investigation*, 39:995, 1960.
- HAYS, RICHARD, and LEAF, A.: The problem of clinical vasopress in resistance: In vitro studies. *Annals of Internal Medicine*, 54(4):700-709, 1961.
- HAYS, RICHARD, and LIPMAN, K.: The surface charge of toad bladder epithelial cells. (Abstract) *Bulletin of the New York Academy of Sciences*, 40: 74, 1964.
- HOBERMAN, H. D., and D'ADAMO, A. F., JR.: Synthesis of liver glycogen from 3-C<sup>14</sup>-dl-malate. *Journal of Biological Chemistry*, 235(4):934-936, 1960.
- HOBERMAN, H. D., and D'ADAMO, A. F., JR.: Coupling of oxidation of substrates to reductive biosynthesis. VI. Studies with glycerol-2-d. *Journal of Biological Chemistry*, 235:1599-1602, 1960.
- HOBERMAN, H. D., and D'ADAMO, A. F., JR.: Labelled substrates. I. The synthesis of dl-2-deuteriolactic acid. *Journal of Organic Chemistry*, 25:30-31, 1960.
- KUTNER, B.: Doctors and hospitals offer clues to causes of conflict. *Modern Hospital*, 95:80-84, 1960.
- KUTNER, B.: Socio-psychological therapy of the hospitalized geriatric amputee. In: *The geriatric amputee*. Washington, D.C., National Academy of Sciences-National Research Council, 1961, p. 208-211. (Publication No. 919).
- KUTNER, B.: The social nature of aging. *Gerontologist*, 2(1):5-8, 1962.
- KUTNER, B.: Terminal illness and death in sociocultural perspective. In: A symposium on constructive approach to terminal illness. *National Cancer Foundation*, 1962, p. 27-35.
- KUTNER, B., and GORDON, G.: Seeking care for cancer. *Journal of Health and Human Behavior*, 2:171-178, 1961.
- KUTNER, BERNARD, and GORDON, NORMAN B.: Cognitive functioning and prejudice: A nine-year follow-up study. *Sociometry*, 27(1):66-74, 1964.
- LAMPASSO, JAMES A.: Serum haptoglobin: A rapid quantitative screening technique. *Journal of the American Medical Technologists*, 26(6):1964. Reprint, 4 p.
- LONDON, I. M., and RAMOT, B.: Pernicious anemia. In: Conn, Howard F., ed. *Current therapy*. Philadelphia, W. B. Saunders, 1958, p. 200-201.
- MALCOLM, DANIEL, RANNEY, HELEN M., and JACOBS, ALAN S.: Association of radioactive chromium with various components of hemoglobin. *Blood*, 21(1):8-20, 1963.
- MARCUS, HENRIETTE, YOO HI OK, AKYOL, TURKAN, and WILLIAMS, M. H., JR.: A randomized study of the effects of corticosteroid therapy on healing of pulmonary tuberculosis as judged by clinical roentgenographic, and physiologic measurements. *American Review of Respiratory Diseases*, 88(1):55-64, 1963.
- MERSKEY, CLARENCE, and MARCUS, AARON J.: Lipids, blood coagulation and fibrinolysis. *Annual Review of Medicine*, 14:323-338, 1963.
- MERSKEY, C., and WOHL, H.: Changes in blood coagulation and fibrinolysis in rats fed atherogenic diets. *Thrombosis et Diathesis Haemorrhagica*, 10:295-308, 1964.
- MERSKEY, C., WOHL, H., and OKA, M.: Effect of atherogenic diet on blood coagulation and fibrinolysis in the rat. (Abstract) *Federation Proceedings*, 21:58, 1962.
- NORTON, WILLIAM T., GOTTFRIED, EUGENE I., and RAPPORT, MAURICE M.: The structure of plasmalogens. VI. Configuration of the double bond in  $\alpha$ ,  $\beta$ -unsaturated ether linkage of phosphatidyl choline. *Journal of Lipid Research*, 3(4):456-459, 1962.
- REED, JUDEN L., BRADLEY, THOMAS B., JR., and RANNEY, HELEN M.: The effect of amelioration of anemia on the synthesis of fetal hemoglobin in sickle cell anemia. *Blood*, 25(1):36-48, 1965.
- ROYCE, P. C.: Inhibition of renal growth following unilateral nephrectomy in the rat. *Proceedings of the Society for Experimental Biology and Medicine*, 113:1046-1049, 1963.
- SCHEINBERG, I. H.: Copper metabolism, a review. In: Walshe, John M., and Cumings, John M., eds. *Proceedings of the Symposium on Current concepts of Wilson's Disease*, London, 1960. Oxford, Blackwell Scientific Publications, 1961, p. 4-17.
- SEIFTER, SAM, GALLOP, PAUL M., and FRANZBLAU, CARL: Some aspects of collagenolytic action. *Transactions of the New York Academy of Sciences*, Series II, 23(6):540-547, 1961.
- SHERB, J., KIRSCHNER, M., and ARIAS, I.: Studies of hepatic excretory function. The effect of 17 $\alpha$ -ethyl-19-nortestosterone on sulfobromophthalein sodium (BSP) metabolism in man. *Journal of Clinical Investigation*, 42(3):404-408, 1963.
- STERNLIEB, I., MORELL, A. G., and SCHEINBERG, I. H.: Homozygosity and heterozygosity in Wilson's disease. In: Walshe, John M., and Cumings, John M., eds. *Proceedings of the Symposium on Current Concepts of Wilson's disease*, London, 1960. Oxford, Blackwell Scientific Publications, 1961, p. 133-140.
- TING, YI ER, KARLINER, S. JOEL, and WILLIAMS, M. H., JR.: Diaphragmatic flutter associated with apneustic respiration. *American Review of Respiratory Diseases*, 88(6):833-838, 1963.

- TING, YI ER, and WILLIAMS, M. H., JR.: The mechanics of breathing in chronic obstructive pulmonary disease. *American Review of Respiratory Diseases*, 88(6):791-801, 1963.
- WEINSTEIN, CLEMENT, SEIFTER, S., and BERKMAN, J. I.: Peptide-nucleotide associations in rat liver. (Abstract) *Federation Proceedings*, 19(1)Part I: 334, 1960.
- WEINSTEIN, SIDNEY: Experimental analysis of an attempt to improve speech in cases of expressive aphasia. *Neurology*, 9:632-635, 1959.
- WEINSTEIN, SIDNEY: Differences in effects of brain wounds implicating right or left hemispheres: Differential effects on certain intellectual and complex perceptual functions. In: Mountcastle, Vernon B., ed. *Interhemispheric relations and cerebral dominance*. Baltimore, Johns Hopkins University, 1962, p. 159-176.
- WEINSTEIN, S.: Tactile sensitivity of the phalanges. *Perceptual and Motor Skills*, 14:351-354, 1962.
- WEINSTEIN, SIDNEY: Phantoms in paraplegia. In: Proceedings of the 11th Annual Clinical Spinal Cord Injury Conference, October 22-24, 1962. Washington, D.C., Veterans Administration, 1962, p. 138-152.
- WEINSTEIN, SIDNEY, and SERSEN, EUGENE: Tactile sensitivity as a function of handedness and laterality. *Journal of Comparative and Physiological Psychology*, 54(6):665-669, 1961.
- WEINSTEIN, SIDNEY, and SERSEN, EUGENE: Phantoms in cases of congenital absence of limbs. *Neurology*, 11:905-911, 1961.
- WILLIAMS, M. H., JR.: Clinical applications of cardio-pulmonary physiology. New York, Hoeber-Harper, 1960, 233 p.
- WILLIAMS, M. H., JR.: Chronic obstructive pulmonary. *Medical Science*, 11:433, 1962.
- WILLIAMS, M. H., JR., and SERIFF, N. S.: Chronic obstructive pulmonary disease. *American Journal of Medicine*, 35:20-30, 1963.
- WILLIAMS, M. H., JR., SERIFF, N. S., AKYOL, K., and YOO, O. H.: The diffusing capacity of the lung in acute pulmonary tuberculosis. *American Review of Respiratory Diseases*, 84:814-817, 1961.
- WOHL, H., and MERSKEY, C.: Anemia in rats on a high fat infarct producing diet. (Abstract) *Federation Proceedings*, 21:100, 1962.
- WOHL, H., and MERSKEY, C.: Polycythemia in rats following restricted food intake. *American Journal of Physiology*, 206:762-764, 1964.
- WOHL, H., and MERSKEY, C.: Anemia in rats on atherogenic diets. *American Journal of Physiology*, 206:765-768, 1964.
- WOLMAN, Y., and GALLOP, P. M.: Urea formation via oxidative carbamylation. *Journal of Organic Chemistry*, 27:1902, 1962.
- MH-2564 (R03) PETERS, JOHN E.: Long-term effects of fear on behavior of rats. University of Arkansas, Little Rock, Ark. (1958-59)
- PETERS, JOHN E., and FINCH, STEPHEN B.: Short and long range effects on the rat of a fear-provoking stimulus. *Psychosomatic Medicine*, 23: 138-152, 1961. (Also acknowledges MH-1091).
- MH-2568 (R03) WIENER, MORTON: Subception or partial perception. Clark University, Worcester, Mass. (1958-59)
- WIENER, M., and SCHILLER, P. H.: Subliminal perception or perception of partial cues. *Journal of Abnormal and Social Psychology*, 61:124-137, 1960.
- MH-2570 (R03) TIDD, CHARLES W., and BECKWITH, WILLIAM CLINTON: Experimental investigation of the imprinting process. University of California, Los Angeles, Calif. (1958-59)
- TIDD, CHARLES W.: Introduction to symposium on "Psycho-analysis and ethology." *International Journal of Psychoanalysis*, 41(Part IV-V):308-312, 1960.
- MH-2581 (R03) EHRENFREUND, DAVID: Motivational effect of continuous weight loss. Adelphi College, Garden City, N.Y. (1958-58)
- EHRENFREUND, DAVID: The motivational effect of a continuous weight loss schedule. *Psychological Reports*, 6:339-345, 1960.
- MH-2583 (R01) EISENBERG, LEON, CONNERS, C. KEITH, and OSLER, SONIA: Drug and cognition studies in disturbed children. Johns Hopkins University, Baltimore, Md. (1958- )
- BREGER, E.: Meproamate in the management of enuresis. *Journal of Pediatrics*, 59:571-576, 1961.
- BREGER, E.: Hydroxyzine hydrochloride and methylphenidate hydrochloride in the management of enuresis. *Journal of Pediatrics*, 61:443-447, 1962.
- BREGER, E.: The maintenance of therapeutic effect in children with enuresis. *Journal of Pediatrics*, 61: 723-725, 1962.
- CONNERS, C. KEITH: Effects of brief psychotherapy, drugs, and type of disturbance on Holtzman ink-blot scores in children. In: Proceedings of the 73rd Annual Convention of the American Psychological Association, 1965, p. 201-202.
- CONNERS, C. K., and EISENBERG, L.: The effects of methylphenidate on symptomatology and learning in disturbed children. *American Journal of Psychiatry*, 120:458-464, 1963.

- CONNERS, C. K., EISENBERG, L. and SHARPE, L.: Effects of methylphenidate (ritalin) on paired-associate learning and Porteus maze performance in emotionally disturbed children. *Journal of Consulting Psychology*, 28:14-22, 1964.
- CYTRYN, L., GILBERT, A., and EISENBERG, L.: The effectiveness of tranquilizing drugs plus supportive psychotherapy in treating behavior disorders of children. *American Journal of Orthopsychiatry*, 30:113-128, 1960.
- EISENBERG, L.: Basic issues in drug research with children. In: Fisher, S., ed. *Child-research in psychopharmacology*. Springfield, C. C. Thomas, 1959, p. 21-35.
- EISENBERG, L.: Conceptual problems in relating brain and behavior. *American Journal of Orthopsychiatry*, 30:37-48, 1960.
- EISENBERG, L.: The strategic deployment of the child psychiatrist in preventive psychiatry. *Journal of Child Psychology and Psychiatry*, 2:229-241, 1961.
- EISENBERG, L.: Possibilities for a preventive psychiatry. *Pediatrics*, 30:815-828, 1962.
- EISENBERG, L.: Drug therapy of overactivity in children. *Clinical Proceedings of the Children's Hospital* (Washington, D.C.), 19:253-255, 1963.
- EISENBERG, L.: Role of drugs in treating disturbed children. *Children*, 11:167-173, 1964.
- EISENBERG, L., GILBERT, A., CYTRYN, L., and MOLLING, P. A.: The effectiveness of psychotherapy alone and in conjunction with perphenazine or placebo in the treatment of neurotic and hyperkinetic children. *American Journal of Psychiatry*, 117:1088-1093, 1961.
- EISENBERG, L., LACHMAN, R., MOLLING, P. A., LOCKNER, A., MIZELLE, J. D., and CONNERS, C. K.: A psychopharmacologic experiment in a training school for delinquent boys. *American Journal of Orthopsychiatry*, 33:431-447, 1963.
- MOLLING, P. A., LOCKNER, A. W., SAULS, R. J., and EISENBERG, L.: Committed delinquent boys: The impact of perphenazine and placebo. *Archives of General Psychiatry*, 7:70-76, 1962.
- OSLER, S. F., and FIVEI, M. W.: Concept attainment. I. The role of age and intelligence in concept attainment by induction. *Journal of Experimental Psychology*, 62:14-23, 1961.
- OSLER, SONIA F., and KOFISKY, ELLIN: Stimulus uncertainty as a variable in the development of conceptual ability. *Journal of Experimental Child Psychology*, 2(3):264-279, 1965.
- OSLER, S. F., and POWELL, M. G.: Apparatus for the study of discrimination and concept formation. *American Journal of Psychology*, 73:627-629, 1960.
- OSLER, S. F., and TRAUTMAN, G. E.: Concept attainment. II. Effect of stimulus complexity upon concept attainment at two levels of intelligence. *Journal of Experimental Psychology*, 62:14-23, 1961.
- OSLER, S. F., and WHEISS, S. R.: Studies in concept attainment. III. Effect of instructions at two levels of intelligence. *Journal of Experimental Psychology*, 63:528-533, 1962.
- MH-2584 (R01) SCHACHTER, STANLEY: Social determinants of the emotions. University of Minnesota, Minneapolis, Minn. (1959-61) (Continued as MH-5203).
- LATANÉ, B., and SCHACHTER, S.: Adrenalin and avoidance learning. *Journal of Comparative and Physiological Psychology*, 55:369-372, 1962. (Also acknowledges MH-5203).
- RADLOFF, R.: Opinion evaluation and affiliation. *Journal of Abnormal and Social Psychology*, 62:578-585, 1961. (Also acknowledges MH-5203).
- SCHACHTER, S.: The psychology of affiliation. Stanford, Calif., Stanford University, 1959, 141 p.
- SCHACHTER, S.: Birth order, eminence and higher education. *American Sociological Review*, 28:757-768, 1963. (Also acknowledges MH-5203).
- SCHACHTER, S., and SINGER, J.: Cognitive, social and physiological determinants of emotional state. *Psychological Review*, 69:379-399, 1962. (Also acknowledges MH-5203).
- SCHACHTER, S., and WHEELER, L.: Epinephrine, chlorpromazine and amusement. *Journal of Abnormal and Social Psychology*, 65:121-128, 1962. (Also acknowledges MH-5203).
- SINGER, J.: Sympathetic activation, drugs and fright. *Journal of Comparative and Physiological Psychology*, 56:612-615, 1963. (Also acknowledges MH-5203).
- WRIGHTSMAN, L.: Effects of waiting with others on changes in level of felt anxiety. *Journal of Abnormal and Social Psychology*, 61:216-222, 1960.
- MH-2585 (R01) BOEHM, LEONORE: Social class differences in conscience development. Brooklyn College of the City University of New York, Brooklyn, N.Y. (1958-61)
- BOEHM, L.: The development of conscience: A comparison of American children of different mental and socio-economic levels. *Child Development*, 33:575-590, 1962.
- BOEHM, L.: The development of conscience: A comparison of students in Catholic parochial schools

- and in public schools. *Child Development*, 33: 591-602, 1962.
- BOEHM, L.: The development of conscience: A comparison of upper-middle class academically gifted children attending Catholic and Jewish parochial schools. *Journal of Social Psychology*, 59:101-110, 1963.
- BOEHM, L.: The development of conscience of pre-school children: A cultural and subcultural comparison. *Journal of Social Psychology*, 59:355-360, 1963.
- BOEHM, L., and NASS, M.: Social class differences in conscience development. *Child Development*, 33: 565-574, 1962.
- MH-2587 (R01) CARVER, MICHAEL J., SMITH, JACKSON A., and WITTON, CECIL: A study of the long term effects of tranquilizers. University of Nebraska, Omaha, Nebr. (1959-61)
- CARVER, M. J.: Long term study of chlorpromazine and meprobamate on serum protein profile. *Journal of Nervous and Mental Disease*, 135:126-130, 1962.
- MH-2590 (R03) DITTES, JAMES E.: Defensive functions of cognitive closure. Yale University, New Haven, Conn. (1958-59)
- DITTES, J. E.: Impulsive closure as reaction to failure-induced threat. *Journal of Abnormal and Social Psychology*, 63:562-569, 1961.
- MH-2591 (R01) MACKINNON, DONALD W., and SCHUTZ, WILLIAM C.: Tests of a theory of interpersonal relations: University of California, Berkeley, Calif. (1958-59) (Continued from MH-1831).
- SCHUTZ, W. C.: FIRO: A three-dimensional theory of interpersonal behavior. New York, Rinehart, 1958. (Also acknowledges MH-1831).
- SCHUTZ, W. C.: On group composition. *Journal of Abnormal and Social Psychology*, 62(2):275-281, 1961. (Also acknowledges MH-1831).
- SCHUTZ, W. C.: The ego, FIRO theory and the leader as completer. In: Bass, B., and Petruccio, L., eds. *Leadership and interpersonal behavior*. New York, Holt, 1961. (Also acknowledges MH-1831).
- SCHUTZ, W. C., and GROSS, E. F.: The FIRO theory of interpersonal behavior: Empirical tests and applications to business administration. In: Contributions to Scientific Research in Management. Los Angeles, University of California, January 29-30, 1959, p. 161-172. (Also acknowledges MH-1831).
- MH-2594 (R01) WILSON, WILLIAM P.: Carbon dioxide, glucose and potassium effects on CNS, University of Texas, Galveston, Texas. (1958-59) (Continued from MH-1203).
- DOBBS, D., and WILSON, W.: Observations on persistence of war neurosis. *Diseases of the Nervous System*, 21:1-6, 1960. (Also acknowledges MH-1203).
- ELLISON, R. J., WILSON, W. P., and WEISS, E. B.: Changes in cerebral potassium during insulin hypoglycemia. *Proceedings of the Society for Experimental Biology and Medicine*, 98:128-129, 1958. (Also acknowledges MH-1203).
- SIEKER, H. O., and WILSON, W. P.: Electroencephalographic biochemical changes in acute hypoxia and hypercapnia. *Archives of Neurology*, 3:704-710, 1960. (Also acknowledges MH-1203).
- SMITH, W. T., and WILSON, W. P.: Electroencephalographic and clinical correlations in epilepsy beginning in adulthood. *Southern Medical Journal*, 51:889-894, 1958. (Also acknowledges MH-1203).
- TYOR, MALCOLM P., and WILSON, WILLIAM P.: Peripheral biochemical changes associated with the intravenous administration of ammonium salts in normal subjects. *Journal of Laboratory and Clinical Medicine*, 51:592-599, 1958. (Also acknowledges MH-1203).
- WILSON, N. J., and WILSON, W. P.: The duration of human electroencephalographic arousal responses elicited by photic stimulation. *Electroencephalography and Clinical Neurophysiology*, 11: 85-91, 1959. (Also acknowledges MH-1203).
- WILSON, W. P.: The role of potassium in the production of the slow wave response to hyperventilation in the electroencephalogram. *Electroencephalography and Clinical Neurophysiology*, 10:546-549, 1958. (Also acknowledges MH-1203).
- WILSON, W. P., and JOHNSON, J. E.: Clinical laboratory and electroencephalographic correlations in hyperthyroidism. *Southern Medical Journal*, 53: 606-610, 1960. (Also acknowledges MH-1203).
- WILSON, W. P., and SIEKER, H. O.: A study of the factors responsible for changes in the electroencephalogram in chronic pulmonary insufficiency. *Electroencephalography and Clinical Neurophysiology*, 10:89-96, 1958. (Also acknowledges MH-1203).
- WILSON, W. P., and TYOR, MALCOLM P.: Electroencephalographic observations during experimental hyperammonemia. *Neurology*, 8:913-916, 1958. (Also acknowledges MH-1203).
- MH-2596 (R03) DYAL, JAMES A.: Studies of incentive motivation and mediation process. Southern Methodist University, Dallas, Texas. (1958-59)

- of *Comparative and Physiological Psychology*, 53: 346-350, 1960.
- DYAI, J. A., and JONES, C. A.: Experimental tests of Hull's reasoning paradigms. *Psychological Reports*, 13:583-590, 1963. (Also acknowledges MH-3331).
- MH-2599 (R01) ALTMAN, MARGARET: The social role of the aging. University of Colorado, Boulder, Colo. (1959-63)
- ALTMANN, MARGARET: Seniors of the wilderness. *Animal Kingdom*, 66(6):181-183, 1963.
- ALTMANN, MARGARET: Naturalistic studies of maternal care in moose and elk. In: Rheingold, H., ed. *Maternal behavior in mammals*. New York, Wiley, 1963, p. 233-253.
- MH-2603 (R03) WILCOTT, ROBERT C., and ELLINGSON, ROBERT J.: Continuous measurement of skin sweating. University of Nebraska, Omaha, Nebr. (1958-60)
- WILCOTT, R. C., and BEENKEN, H. G.: The continuous measurement of palmar sweating. *American Journal of Psychology*, 74:619-624, 1961.
- MH-2604 (R01) KOMAROVSKY, MIRRA: The relation between social class and marriage roles. Columbia University, New York, N.Y. (1958-62)
- KOMAROVSKY, MIRRA: Blue-collar marriage. New York, Random House, 1964, 395 p.
- MH-2612 (R01) EYSENCK, HANS J.: Effects of stimulant and depressant drugs. University of London, London, UK (1959-62)
- CHOPPY, M., and EYSENCK, H. J.: Brain-damage and depressant drugs: An experimental study of interaction. In: Eysenck, H. J., ed. *Experiments with drugs*. Oxford, Pergamon, 1963, p. 313-323.
- EYSENCK, H. J.: Personality and drug effects. In: Eysenck, H. J., ed. *Experiments with drugs*. Oxford, Pergamon Press, 1963, p. 1-24.
- GOOCH, R. N.: The influence of stimulant and depressant drugs on the central nervous system. In: Eysenck, H. J., ed. *Experiments with drugs*. Oxford, Pergamon Press, 1963, p. 353-380.
- RODNIGHT, E., and GOOCH, R. N.: A new method for the determination of individual differences in susceptibility to a depressant drug. In: Eysenck, H. J., ed. *Experiments with drugs*. Oxford, Pergamon, 1963, p. 169-193.
- MH-2617 (R03) LEVINGER, GEORGE, and GIANAKON, HARRY G.: An exploratory assessment of
- LEVINGER, G.: Social desirability in the ratings of involved and neutral judges. *Journal of Consulting Psychology*, 25(6):554, 1961.
- LEVINGER, GEORGE: Supplementary methods in family research. *Family Process*, 2:357-366, 1963.
- MH-2618 (R01) NOBLE, MERRILL E.: A comparative study of the optimum CS-USC interval. State University of Kansas, Manhattan, Kan. (1959-62)
- NOBLE, M., and ADAMS, C. K.: Conditioning in pigs as a function of the interval between CS and US. *Journal of Comparative and Physiological Psychology*, 56(1):215-219, 1963.
- NOBLE, M., and ADAMS, C. K.: The effect of length of CS-US interval as a function of body temperature in a cold-blooded animal. *Journal of Genetic Psychology*, 69:197-201, 1963.
- NOBLE, M., and HARDING, G. E.: Conditioning in rhesus monkeys as a function of the interval between CS and UCS. *Journal of Comparative and Physiological Psychology*, 56(1):220-224, 1963.
- MH-2620 (R01) MYERS, JEROME L., and MYERS, NANCY A.: An investigation of secondary reinforcement variables. University of Massachusetts, Amherst, Mass. (1959-64)
- FORT, JANE G.: Secondary reinforcement with preschool children. *Child Development*, 32:755-764, 1961.
- FORT, JANE GERALDINE: Discrimination based on secondary reinforcement. *Child Development*, 36(2):481-490, 1965.
- FORT, J. G., MYERS, J. L., and MYERS, N. A.: Secondary reinforcement in a discrimination problem. *Journal of General Psychology*, 66:159-168, 1962.
- LEIMAN, A., MYERS, J. L., and MYERS, N. A.: Secondary reinforcement in a discrimination problem with children. *Child Development*, 32:765-772, 1961.
- MYERS, J. L., and MYERS, N. A.: Effects of schedules of primary and secondary reinforcement on extinction behavior. *Child Development*, 34:1057-1063, 1963.
- MYERS, J. L., and MYERS, N. A.: Secondary reinforcement in children as a function of conditioning associations, extinction percentages, and stimulus types. *Journal of Experimental Psychology*, 65:455-459, 1963.
- MYERS, J. L., and MYERS, N. A.: Secondary reinforcement in children as a function of conditioning associations and extinction percentages. *Journal*



- of *Experimental Psychology*, 68(6):611-612, 1964.
- MYERS, N. A., CRAIG, G., and MYERS, J. L.: Secondary reinforcement as a function of the number of reinforced trials. *Child Development*, 32:765-772, 1961.
- MYERS, N. A., and MYERS, J. L.: Effects of secondary reinforcement schedules in extinction on children's responding. *Journal of Experimental Psychology*, 64:586-588, 1962.
- MYERS, NANCY A., and MYERS, JEROME L.: A test of discrimination hypothesis of secondary reinforcement. *Journal of Experimental Psychology*, 70(1):98-101, 1965.
- MH-2621 (R01) JACKSON, DON D.: Use of psychotomimetics in personality evaluation. Palo Alto Medical Research Foundation, Palo Alto, Calif. (1958-61)
- TERRILL, J., SAVAGE, C., and JACKSON, DONALD D.: LSD, transcendence, and the new beginning. *Journal of Nervous and Mental Disease*, 135:425-439, 1962.
- MH-2625 (R03) BRUELL, JAN H.: Behavior development in inbred strains. Western Reserve University, Cleveland, Ohio. (1958-59)
- BRUELL, J. H.: Dominance and segregation in the inheritance of quantitative behavior in mice. In: Bliss, E., ed. *Roots of behavior*. New York, Hoeber, 1962, p. 48-67.
- MH-2630 (R01) HSIA, DAVID Y.: Tryptophan metabolism in phenylketonuria. Northwestern University, Chicago, Ill. (1958-63)
- HSIA, DAVID Y. Y.: Enzyme and mental deficiency. In: Bowman, P. W., and Mautner, H. V., eds. *Mental retardation* (Proceedings of the First International Conference on Mental Retardation). New York, Grune & Stratton, 1960, p. 65-82. (Also acknowledges MH-1945).
- HSIA, DAVID Y. Y.: Medical progress: Medical genetics. *New England Journal of Medicine*, 62: 1222, 1273, and 1318, 1960. (Also acknowledges MH-1945).
- HSIA, DAVID YI-YUNG: Ontogenetic development of enzyme systems. In: Pruzansky, Samuel, ed. *Congenital anomalies of the face and associated structures*. Springfield, Ill., Thomas, 1961, p. 134-147.
- HSIA, DAVID Y. Y.: The nature of the disturbance of indole metabolism in phenylketonuria. In: Stur, O., ed. *Proceedings of the Second International Congress on Mental Retardation*, Vienna, 1961. Part I. Basel, S. Karger, 1963, p. 47-53.
- HSIA, DAVID Y. Y., LITWACK, M., O'FLYNN, M., and JAKOVIC, S.: Serum phenylalanine and tyrosine levels in the newborn infant. *New England Journal of Medicine*, 267:1067-1070, 1963.
- HSIA, DAVID Y. Y., ROWLEY, W., and RASKIN, N. J.: Clinical management of phenylketonuria. *Quarterly Bulletin of the Northwestern University Medical School*, 36:25-33, 1962. (Also acknowledges MH-1945).
- HSIA, DAVID Y. Y., NISHIMURA, K., and BRECHLEY, Y.: Mechanism for decrease of brain serotonin. *Nature*, 200:578-579, 1963.
- HUANG, I., and HSIA, DAVID Y. Y.: Studies on inhibition of 5-hydroxytryptophan decarboxylase by phenylalanine metabolites. *Proceedings of the Society for Experimental Biology and Medicine*, 112:81-84, 1963.
- HUANG, I., TANNENBAUM, S., BLUME, L., and HSIA, DAVID Y. Y.: Metabolism of 5-hydroxyindole compounds in experimentally produced phenylketonuric rats. *Proceedings of the Society for Experimental Biology and Medicine*, 106:533-536, 1961. (Also acknowledges MH-1945).
- HUANG, I., TANNENBAUM, S., and HSIA, DAVID Y. Y.: Development of 5-hydroxytryptophan decarboxylase activity in rat kidney. *Nature*, 186: 717-718, 1960.
- NADLER, H. L., and HSIA, DAVID Y. Y.: Epinephrine metabolism in phenylketonuria. *Proceedings of the Society for Experimental Biology and Medicine*, 107:721-723, 1961.
- SLACK, J., SIMPSON, K., and HSIA, DAVID Y. Y.: Hereditary metabolic disorders involving the nervous system. *Pediatric Clinics of North America*, 7(3):627-661, 1960. (Also acknowledges MH-1945).
- MH-2632 (R03) FLAVELL, JOHN H.: Meaning and its relation to word association. University of Rochester, Rochester, N.Y. (1958-59)
- FLAVELL, J. H.: Meaning and meaning similarity. I. A theoretical reassessment. *Journal of General Psychology*, 64:307-319, 1961.
- FLAVELL, J. H.: Meaning and meaning similarity. II. The semantic differential and co-occurrence as predictors of judged similarity in meaning. *Journal of General Psychology*, 64:321-335, 1961.
- FLAVELL, J. H., and FLAVELL, E. R.: One determinant of judged semantic and associative connection between words. *Journal of Experimental Psychology*, 58:159-165, 1959.
- FLAVELL, J. H., and JOHNSON, B. A.: Meaning and meaning similarity. III. Latency and number of similarities as predictors of judged similarity in meaning. *Journal of General Psychology*, 64:337-348, 1961.

- FLAVELL, J. H., and STEDMAN, D. J.: A developmental study of judgments of semantic similarity. *Journal of Genetic Psychology*, 98:279-293, 1961.
- MH-2633 (R03) STERRITT, GRAHAM M., and WHITEHOUSE, JAMES M.: A developmental study of chronic tube-fed fowl. University of Colorado Medical Center, Denver, Colo. (1958-59)
- STERRITT, G. M., and SMITH, M. P.: Feeding chick exclusively via implanted plastic fistulas. *Psychonomic Science*, 2(7):177-178, 1965. (Also acknowledges MH-3578).
- MH-2635 (R10) SHAGASS, CHARLES: Personality, emotion and drug action. State University of Iowa, Iowa City, Iowa. (1958-66)
- BROWN, J. C. N., SHAGASS, C., and SCHWARTZ, MARVIN: Cerebral evoked potential changes associated with the dextran delirium and its reversal in man. In: Wortis, Joseph, ed. *Recent advances in biological psychiatry*. New York, Plenum Press, 1964, p. 223-234.
- EMDE, J. W.: A time locked, low level calibrator. *Electroencephalography and Clinical Neurophysiology*, 16:616-618, 1964.
- KRISHNAMOORTI, S., and SHAGASS, C.: Some psychological test correlates of sedation threshold. In: Wortis, J., ed. *Recent advances in biological psychiatry*. Vol. 6. New York, Plenum Press, 1964, p. 256-266.
- SCHWARTZ, M., EMDE, J. W., and SHAGASS, C.: Comparison of constant current and constant voltage stimulators for scalp-recorded somatosensory responses. *Electroencephalography and Clinical Neurophysiology*, 17:81-83, 1964.
- SCHWARTZ, M., and SHAGASS, C.: Responses to colored and conflict-inducing stimuli in a psychiatric population. *Perceptual and Motor Skills*, 11:245-252, 1960.
- SCHWARTZ, M., and SHAGASS, C.: Note on the relation between autokinesis and psychiatric diagnosis. *Perceptual and Motor Skills*, 11:253-257, 1960.
- SCHWARTZ, M., and SHAGASS, C.: Physiological limits for "subliminal" perception. *Science*, 133:1017-1018, 1961.
- SCHWARTZ, M., and SHAGASS, C.: Effect of different states of alertness on somatosensory and auditory recovery cycles. *Electroencephalography and Clinical Neurophysiology*, 14:11-20, 1962.
- SCHWARTZ, M., and SHAGASS, C.: Reticular modification of somatosensory cortical recovery function. *Electroencephalography and Clinical Neurophysiology*, 15:265-271, 1963.
- SCHWARTZ, M., and SHAGASS, C.: Recovery functions of human somatosensory and visual evoked potentials. *Annals of New York Academy of Science*, 112:510-525, 1964.
- SCHWARTZ, M., SHAGASS, C., BITTLE, R., and FLAPAN, M.: Dose related effects of pentothal on somatosensory evoked responses and recovery cycles. *Electroencephalography and Clinical Neurophysiology*, 14:898-903, 1962.
- SHAGASS, C.: Explorations in the psychophysiology of affect. In: Scher, J., ed. *Theories of the mind*. New York, Free Press of Glencoe, 1962, p. 122-144.
- SHAGASS, CHARLES: The EEG in affective psychoses. In: Wilson, William P., ed. *Applications of electroencephalography in psychiatry*. Durham, North Carolina, Duke University Press, 1965, p. 146-167.
- SHAGASS, CHARLES: A neurophysiological approach to perceptual psychopathology. In: *Psychopathology of perception*. New York, Grune & Stratton, 1965, p. 41-61.
- SHAGASS, C., BITTLE, R., KEASLING, H., and SCHWARTZ, M.: "Barbiturate thresholds" in the rabbit. *Psychopharmacologia*, 3:204-211, 1962.
- SHAGASS, C., and SCHWARTZ, M.: Evoked cortical potentials and sensation in man. *Journal of Neuropsychiatry*, 2:262-270, 1961.
- SHAGASS, C., and SCHWARTZ, M.: Cortical excitability in psychiatric disorder. Preliminary results. In: *Proceedings of the 3rd World Congress of Psychiatry*. Vol. 1. Montreal, University of Toronto Press/McGill University Press, 1961, p. 441-446.
- SHAGASS, C., and SCHWARTZ, M.: Reactivity cycle of somatosensory cortex in humans with and without psychiatric disorder. *Science*, 134:1757-1759, 1961.
- SHAGASS, C., and SCHWARTZ, M.: Cerebral cortical reactivity in psychotic depressions. *Archives of General Psychiatry*, 6:235-242, 1962.
- SHAGASS, C., and SCHWARTZ, M.: Effect of stimulus intensity on the form and recovery cycle of evoked somatosensory cortical potentials in man. (Abstract) *Excerpta Medica*, 48:1056, 1962.
- SHAGASS, C., and SCHWARTZ, M.: Observations on somatosensory cortical reactivity in personality disorder. *Journal of Nervous and Mental Disease*, 135:44-51, 1962.
- SHAGASS, C., and SCHWARTZ, M.: Excitability of the cerebral cortex in psychiatric disorders. In: Roesler, R., and Greenfield, N. S., eds. *Physiological correlates of psychological disorder*. Madison, Wisconsin, University of Wisconsin Press, 1962, p. 45-60.
- SHAGASS, C., and SCHWARTZ, M.: Psychiatric correlates of evoked cerebral cortical potentials. *American Journal of Psychiatry*, 119:1055-1061, 1963.

- SHAGASS, C., and SCHWARTZ, M.: Cerebral responsiveness in psychiatric patients. *A. M. A. Archives of General Psychiatry*, 8:177-189, 1963.
- SHAGASS, C., and SCHWARTZ, M.: Neurophysiological dysfunction associated with some psychiatric disorders. In: *Psychiatric Research Report*, No. 17, Washington, D.C., American Psychiatric Association, 1963, p. 130-152.
- SHAGASS, C., and SCHWARTZ, M.: Psychiatric disorder and deviant cerebral responsiveness to sensory stimulation. In: Wortis, J., ed. *Recent advances in biological psychiatry*. New York, Plenum Press, 1963, p. 321-330.
- SHAGASS, C., and SCHWARTZ, M.: Evoked potential studies in psychiatric patients. *Annals of the New York Academy of Science*, 112:526-542, 1964.
- SHAGASS, C., and SCHWARTZ, M.: Recovery function of somatosensory peripheral nerve and cerebral evoked responses in man. *Electroencephalography and Clinical Neurophysiology*, 17:126-135, 1964.
- SHAGASS, C., and SCHWARTZ, M.: Recovery functions of peripheral nerve and somato-sensory cortex in man. *Electroencephalography and Clinical Neurophysiology*, 17:457, 1964.
- SHAGASS, C., and SCHWARTZ, M.: Visual cerebral evoked response characteristics in a psychiatric population. *American Journal of Psychiatry*, 121 (10):979-987, 1965.
- SHAGASS, CHARLES, and SCHWARTZ, MARVIN: Age, personality, and somatosensory cerebral evoked responses. *Science*, 148(3675):1359-1361, 1965.
- SHAGASS, C., SCHWARTZ, M., and AMADEO, M.: Some drug effects on evoked cerebral potentials in man. *Journal of Neuropsychiatry*, 3:S49-S58, 1962.
- SHAGASS, CHARLES, SCHWARTZ, MARVIN, and KRISHNAMOORTI, SINGA R.: Some psychologic correlates of cerebral responses evoked by light flash. *Journal of Psychosomatic Research*, 9(2):223-231, 1965.
- SHIPTON, H. W.: Averaging and correlation techniques applied to neurophysiological measurements. In: *Proceedings of the 3rd International Conference on Medical Electronics*. London, International Federation for Medical Electronics, 1960, p. 179-181.
- STRAUMANIS, JOHN J., SHAGASS, CHARLES, and SCHWARTZ, MARVIN: Visually evoked cerebral response changes associated with chronic brain syndromes and aging. *Journal of Gerontology*, 20(4):498-506, 1965.
- MH-2637 (R03) MYERS, ROBERT D.: Alcohol dose effects on operant responses. Colgate University, Hamilton, N.Y. (1958-59)
- MYERS, R. D.: Changes in learning, extinction, and fluid preferences as a function of chronic alcohol consumption in rats. *Journal of Comparative and Physiological Psychology*, 54:510-516, 1961.
- MH-2638 (R03) ENGEL, MARY: The development of the children's insight test. Michael Reese Hospital and Medical Center, Chicago, Ill. (1958-59)
- ENGEL, M.: Some parameters of the psychological evaluation of children. *A. M. A. Archives of General Psychiatry*, 2:593-605, 1960.
- ENGEL, M., and RECHENBERG, W.: Studies in the reliability of the Children's Insight Test. *Journal of Projective Techniques*, 25(2):158-163, 1961.
- MH-2641 (R01) PETRIE, ASENATH: Tolerance for pain and suffering. Harvard Medical School, Boston, Mass. (1958-64)
- PETRIE, A.: Some psychological aspects of pain and the relief of suffering. *Annals of the New York Academy of Sciences*, 86(1):13-27, 1960.
- PETRIE, A.: Pain. In: Deutsch, Albert, and Fishman, Helen, eds. *Encyclopedia of mental health*. Vol. 4. New York, Franklin Watts, 1963, p. 1386-1406.
- PETRIE, A.: Perception and personality. In: Halpern, I., ed. *Problems of dynamic neurology*. Jerusalem, Israel, 1963.
- PETRIE, A., and COLLINS, W.: Perceptual differences as related to the tolerance of pain and suffering. *Acta Psychologica*, 19:755-756, 1961. (Proceedings of the 26th International Congress of Psychology, Bonn, 1960).
- PETRIE, A., and COLLINS, W.: Diferencias perceptivas en relacion con la tolerancia al dolor y al sufrimiento. *Revista de Psicologia General y Aplicada*, 16(57):13-22, 1961.
- PETRIE, A., COLLINS, W., and SOLOMON, P.: Pain sensitivity, sensory deprivation, and susceptibility to satiation. *Science*, 128(3336):1431-1433, 1958. (Also acknowledges MH-2057).
- PETRIE, A., COLLINS, W., and SOLOMON, P.: The tolerance for pain and for sensory deprivation. *American Journal of Psychology*, 73:80-90, 1960.
- PETRIE, A., HOLLAND, T., and PODNIEKS, I.: Perceptual style in the nurse, the juvenile delinquent, and the schizophrenic. In: *Proceedings of the 7th Congress of the Interamerican Society of Psychology*. Mexico City, D. F., Sociedad Interamericana de Psicologia, 1963, p. 183-196.
- PETRIE, A., HOLLAND, T., and WOLK, I.: Perceptual indicators of basic algesic types: A new look at pain and suffering. In: *Proceedings of the 1st International Congress of Psychosomatic Medicine and Childbirth*. Paris, Gauthier & Cie., 1962.

- PETRIE, A., HOLLAND, T., and WOLK, I.: Sensory stimulation causing subdued experience: Audio-analgesia and perceptual augmentation and reduction. *Journal of Nervous and Mental Disease*, 137(4):312-321, 1963.
- PETRIE, A., MCCULLOCH, R., and KAZDIN, P.: The perceptual characteristics of juvenile delinquents. *Journal of Nervous and Mental Disease*, 134(5):415-421, 1962. Also: *Journal of Psychiatric Nursing*, 1(2):142-172, 1963.
- MH-2645 (R01) DEWS, PETER B.: Behavioral effects of phenothiazine derivatives. Harvard Medical School, Boston, Mass. (1959-64)
- COOK, L., and KELLEHER, R. T.: Effects of drugs on behavior. In: Cutting, W. C., ed. *Annual Review of Pharmacology*. Vol. 3. Palo Alto, California, Annual Reviews, 1963, p. 205-222. (Also acknowledges MH-2094).
- DEWS, P. B.: Free operant behavior under conditions of delayed reinforcement. I. CRF-type schedules. *Journal of the Experimental Analysis of Behavior*, 3:221-234, 1960.
- DEWS, P. B.: A behavioral output enhancing effect of imipramine in pigeons. *International Journal of Neuropsychopharmacology*, 1:265-272, 1962. (Also acknowledges MH-2094).
- DEWS, P. B.: Schedules of reinforcement. In: Steinberg, Hannah, deReuck, A. V. S., and Knight, Julie, eds. *Ciba Foundation symposium jointly with the co-ordinating committee for symposia on drug action on animal behaviour and drug action*. London, J. & A. Churchill, 1964, p. 191-201. (Also acknowledges MH-2094).
- DEWS, P. B.: The effect of multiple S periods on responding on a fixed-interval schedule: II. In a primate. *Journal of the Experimental Analysis of Behavior*, 8(1):53-54, 1965. (Also acknowledges MH-2094).
- KELLEHER, ROGER T.: Operant conditioning. In: Schrier, Allan M., Harlow, Harry F., and Stollnitz, Fred, eds. *Behavior of nonhuman primates*. Vol. 1. New York, Academic Press, 1965, p. 211-247. (Also acknowledges MH-2094).
- KELLEHER, R. T., FRY, W., and COOK, L.: Adjusting fixed-ratio schedules in the squirrel monkey. *Journal of the Experimental Analysis of Behavior*, 7:69-77, 1964. (Also acknowledges MH-2094).
- KELLEHER, ROGER T., and GOLLUB, LEWIS R.: A review of positive conditioned reinforcement. *Journal of the Experimental Analysis of Behavior*, 5 (Suppl.):543-597, 1962. (Also acknowledges MH-1604 and MH-2094).
- KELLEHER, R. T., RIDDLE, W. C., and COOK, L.: Persistent behavior maintained by unavoidable shocks. *Journal of Experimental Analysis of Behavior*, 6:507-517, 1963. (Also acknowledges MH-2094).
- MOLLIVER, M. E.: Operant control of vocal behavior in the cat. *Journal of the Experimental Analysis of Behavior*, 6:197-202, 1963. (Also acknowledges MH-2094).
- SMITH, C. B.: Enhancement by reserpine and  $\alpha$ -methyl dopa of the effects of d-amphetamine upon the locomotor activity of mice. *Journal of Pharmacology*, 142:343-350, 1963. (Also acknowledges MH-2094).
- SMITH, CHARLES B.: Effects of d-Amphetamine upon operant behavior of pigeons: Enhancement by reserpine. *Journal of Pharmacology and Experimental Therapeutics*, 146(2):167-174, 1964. (Also acknowledges MH-2094).
- SMITH, C. B., and DEWS, P. B.: Antagonism of locomotor suppressant effects of reserpine in mice. *Psychopharmacology*, 3:55-59, 1962. (Also acknowledges MH-2094).
- VAILLANT, GEORGE E.: Antagonism between physostigmine and atropine on the behavior of the pigeon. *Naunyn-Schmiedeberg's Arch. Exp. Path. u. Pharmacol.*, 248:406-416, 1964. (Also acknowledges MH-2094).
- MH-2646 (R01) MANIS, JEROME G.: Mental health problems of an urban community. Western Michigan University, Kalamazoo, Mich. (1959-62)
- MANIS, JEROME G., BRAWER, M. J., HUNT, C. L., and KERCHER, L. C.: Validating a mental health scale. *American Sociological Review*, 28:108-116, 1963.
- MANIS, JEROME G., BRAWER, MILTON J., HUNT, CHESTER L., and KERCHER, LEONARD C.: Estimating the prevalence of mental illness. *American Sociological Review*, 29:84-89, 1964.
- MH-2647 (R01) McCORD, WILLIAM M., and McCORD, JOAN: Stanford personality development research project. Stanford University, Stanford, Calif. (1958-62)
- McCORD, JOAN, and McCORD, W.: Cultural stereotypes and the validity of interviews for research in child development. *Child Development*, 32:171-185, 1961.
- McCORD, J., McCORD, W., and HOWARD, A.: Family interaction as antecedent to the direction of male aggressiveness. *Journal of Abnormal and Social Psychology*, 66:239-242, 1963.
- McCORD, JOAN, McCORD, WILLIAM, and THURBER, EMILY: The effects of foster home placement in the prevention of adult anti-social behavior. *Social Service Review*, 34(4):415-420, 1960.
- McCORD, JOAN, McCORD, W., and THURBER, EMILY: Some effects of paternal absence on male children. *Journal of Abnormal and Social Psychology*, 64(5):361-369, 1962.

- McCord, J., McCord, W., and Thurber, E.: Effects of maternal employment on lower-class boys. *Journal of Abnormal and Social Psychology*, 67:177-182, 1963.
- McCord, William, and McCord, Joan: Current contemporary theories of alcoholism: A longitudinal evaluation. *Quarterly Journal of Studies in Alcohol*, 20(4):727-749, 1959.
- McCord, Williams, and McCord, Joan: Origins of alcoholism. Stanford, Calif., Stanford University, 1960, 193 p.
- McCord, William, and McCord, Joan: The personality of alcoholics. In: Pittman, David and Snyder, Charles, eds. *Society, culture, and drinking patterns*. New York, John Wiley, 1962.
- McCord, William, McCord, Joan, and Howard, Alan: Early familial experiences and bigotry. *American Sociological Review*, 25(5):717-722, 1960.
- McCord, W., McCord, Joan, and Verden, Paul: Familial and behavioral correlates of dependency in male children. *Child Development*, 33:313-326, 1962.
- McCord, William, McCord, Joan, and Verden, Paul: Family relationships and sexual deviance in lower class adolescents. *International Journal of Social Psychiatry*, 8(3):165-179, 1962.
- McCord, W., Porta, Judith, and McCord, Joan: The familial genesis of psychoses. *Psychiatry*, 25: 60-71, 1962.
- McCord, William, and Verden, Paul: Familial correlates of psychosomatic symptoms in male children. *Journal of Health and Human Behavior*, 1:192-199, 1960.
- MH-2649 (R01) Brown, Roger W.: The linguistic expression of power and solidarity. Massachusetts Institute of Technology, Cambridge, Mass. (1958-62)
- Brown, R.: The language of social relationship. In: Proceedings of the 16th International Congress of Psychology. Amsterdam, North-Holland Publishing, 1962, p. 663-667.
- Brown, R., and Ford, Marguerite: Address in American English. *Journal of Abnormal and Social Psychology*, 60:417-421, 1960.
- Brown, R., and Gilman, A.: The pronouns of power and solidarity. In: Sebeok, T., ed. *Style in language*. New York, Wiley, 1960, p. 253-277.
- MH-2653 (R01) Domino, Edward F.: Neural mechanisms of psychopharmacological agents. University of Michigan, Ann Arbor, Mich. (1958- )
- Carson, R. P., and Domino, E. F.: Synergistic and antagonistic effects of premedication on general anesthetics in mice. *Anesthesiology*, 23:187-192, 1962.
- Chin, J. H., and Domino, E. F.: Effects of morphine on brain potentials evoked by stimulation of the tooth pulp of the dog. *Journal of Pharmacology and Experimental Therapeutics*, 132:74-86, 1961.
- Chin, J. H., Killam, Eva K., and Killam, K. F.: Evoked interaction patterns in chronically implanted cats following chlorpromazine. (Abstract) *Federation Proceedings*, 21:325, 1962.
- Corsen, G., and Domino, E. F.: Objective technique for evaluating drug induced changes in the visual cortical response in man. (Abstract) *Pharmacologist*, 5:232, 1963.
- Corsen, Guenter, and Domino, Edward F.: Visually evoked responses in man: A method for measuring cerebral effects of preanesthetic medication. *Anesthesiology*, 25(3):330-341, 1964.
- Corsen, Guenter, Domino, Edward F., and Sweet, Robert B.: Neuroleptanalgesia and anesthesia. *Anesthesia and Analgesia—Current Researches*, 43(6):748-764, 1964.
- Domino, E. F.: A simple dog head holder for use with the Lab Tronics stereotaxic instrument. *Electroencephalography and Clinical Neurophysiology*, 12:521-522, 1960.
- Domino, E. F.: Role of preanesthetic medication in modifying the hypersynchronous electrical waves in rhinencephalic structures induced with inhalation anesthetics. (Abstract) *Anesthesiology*, 22: 133, 1961.
- Domino, Edward F.: Neuropharmacologic basis of drug treatment of epilepsy. *Modern Treatment*, 1(5):1060-1070, 1964.
- Domino, Edward F., Caldwell, Donald F., and Henke, Rachel: Effects of psychoactive agents on acquisition of conditioned pole jumping in rats. *Psychopharmacologia*, 8(4):285-289, 1965.
- Domino, Edward F., Chodoff, Peter, and Corsen, Guenter: Pharmacologic effects of CI-581, a new dissociative anesthetic, in man. *Clinical Pharmacology and Therapeutics*, 6(3):279-291, 1965.
- Domino, E. F., and Corsen, G.: Differential actions of anesthesia and sleep on the visually evoked response in man. (Abstract) *Pharmacologist*, 5: 232, 1963.
- Domino, Edward F., and Corsen, Guenter: Visually evoked response in anesthetized man with and without induced muscle paralysis. *Annals of the New York Academy of Sciences*, 112:226-237, 1964.
- Domino, E. F., Corsen, G., and Sweet, R. B.: Effects of various anesthetics on the visually evoked response in man. *Anesthesia and Analgesia*, 42: 735-747, 1963.

- DOMINO, E. F., GOTTLIEB, S. F., BRAUER, R. W., CULLEN, S. C., and FEATHERSTONE, R. M.: Effects of xenon at elevated pressures in the dog. *Anesthesiology*, 25:43-53, 1964.
- DOMINO, E. F., and HUDSON, R. D.: Observations on the pharmacological actions of the isomers of atropine. *Journal of Pharmacology and Experimental Therapeutics*, 127:305-312, 1959.
- DOMINO, E. F., KAROLY, A. J., and WALKER, E. L.: Effects of various drugs on a conditioned avoidance response in dogs resistant to extinction. *Journal of Pharmacology and Experimental Therapeutics*, 141:92-99, 1963.
- DOMINO, E. F., MATSUOKA, S., WALTZ, J., COOPER, I.: Simultaneous recordings in scalp and epidural somatosensory-evoked responses in man. *Science*, 145:1199-1200, 1964.
- DOMINO, EDWARD F., MATSUOKA, SHIGEAKI, WALTZ, JOSEPH, and COOPER, IRVING S.: Effects of cryogenic thalamic lesions on the somesthetic evoked response in man. *Electroencephalography and Clinical Neurophysiology*, 19(2):127-138, 1965.
- DOMINO, E. F., and UEKI, S.: Electrical "seizure-like" discharge in the amygdala of dogs following various general anesthetics. (Abstract) *Federation Proceedings*, 18:385, 1959.
- DOMINO, E. F., and UEKI, S.: Differential effects of general anesthetics on spontaneous electrical activity of neocortical and rhinencephalic brain systems of the dog. *Journal of Pharmacology and Experimental Therapeutics*, 127:288-304, 1959.
- DOMINO, E. F., and UEKI, S.: Hypersynchronous electrical waves in the amygdala of dogs following general anesthetics. (Abstract) *Pharmacologist*, 1:58, 1959.
- DOMINO, E. F., and UEKI, S.: An analysis of the electrical burst phenomenon in some rhinencephalic structures of the dog and monkey. *Electroencephalography and Clinical Neurophysiology*, 12: 635-648, 1960.
- HENG, J. E., and DOMINO, E. F.: Effects of morphine on some evoked electrical responses in the dog. (Abstract) *Pharmacologist*, 1:58, 1959.
- HENG, J. E., and DOMINO, E. F.: Morphine-nalorphine alteration of tooth pulp thresholds of dogs in the alert and drowsy state. (Abstract) *Federation Proceedings*, 19:272, 1960.
- HENG, J. E., and DOMINO, E. F.: Effects of morphine and nalorphine upon tooth pulp thresholds of dogs in the alert and drowsy state. *Psychopharmacologia*, 1:433-436, 1960.
- HUDSON, R. D., and DOMINO, E. F.: Effects of chlorpromazine on some motor reflexes. *International Journal of Neuropharmacology*, 2:143-162, 1964.
- INGRAM, C. G., and DOMINO, E. F.: Observations on the initial hypertensive response to yohimbine. *Archives Internationales de Pharmacodynamie et de Therapie*, 143:534-542, 1963. (Also acknowledges MH-1971 and MH-1972).
- KAROLY, A. J., DOMINO, E. F., and WALKER, E. L.: Differential effects of various drugs on the conditioned motor and heart rate responses in dogs resistant to extinction. *Archives Internationales de Pharmacodynamie et de Therapie*, 148(1-2):40-52, 1964.
- MAITI, A., and DOMINO, E. F.: Action of methylated xanthines on electrically evoked afterdischarge in the neuronally isolated dog cerebral cortex. (Abstract) *Federation Proceedings*, 19:269, 1960.
- MAITI, A., and DOMINO, E. F.: Effects of methylated xanthines on the neuronally isolated cerebral cortex. *Experimental Neurology*, 3:18-31, 1961.
- MAITI, A., and DOMINO, E. F.: Effect of high concentrations of carbon dioxide on the amygdala and neuronally isolated cerebral cortex. (Abstract) *Federation Proceedings*, 20:307, 1961.
- MAITI, A., and DOMINO, E. F.: Effects of anesthetic concentrations of carbon dioxide on the amygdala and neuronally isolated cerebral cortex. *Journal of Neuropsychiatry*, 5:332-343, 1964.
- MEYERS, B., and DOMINO, E. F.: The effect of cholinergic blocking drugs on spontaneous alternation in rats. *Archives Internationales de Pharmacodynamie et de Therapie*, 150(3-4):525-529, 1964.
- MEYERS, B., ROBERTS, K. H., RICUPUTI, R. H., and DOMINO, E. F.: Some effects of muscarinic cholinergic blocking drugs on behavior and the electrocorticogram. *Psychopharmacologia*, 5:289-300, 1964.
- MH-2655 (R03) BUSS, ARNOLD H.: Hostility in clinical and experimental situations. University of Pittsburgh, Pittsburgh, Pa. (1958-59)
- BUSS, A. H., FISCHER, H., and SIMMONS, A.: Aggression and hostility in psychiatric patients. *Journal of Consulting Psychology*, 26:84-89, 1962.
- MH-2662 (R01) LEETE, EDWARD: Biogenesis of natural products of medicinal interest. University of Minnesota, Minneapolis, Minn. (1958-64) (Continued from MH-2075).
- EDWARDS, P. N., and LEETE, E.: Incorporation of formate into ajmaline. *Chemistry and Industry*, 41:1666, 1961.
- FRIEDMAN, A. R., and LEETE, E.: Biosynthesis of the nicotiana alkaloids. IX. The non-random incorporation of acetate-2 C<sup>14</sup> into the pyridine ring of anabasine. *Journal of the American Chemical Society*, 85:2141-2144, 1963.

- GRBGORY, H., and LEETE, E.: Biogenesis of digitoxigenin. *Chemistry and Industry*, 1242-1243, 1960.
- GROS, E. G., and LEETE, E.: Biosynthesis of the steroid moiety of digitoxigenin. *Chemistry and Industry*, 17:698, 1963.
- KOWANKO, N., and LEETE, E.: Biosynthesis of the cinchona alkaloids. I. The incorporation of tryptophan into quinine. *Journal of the American Chemical Society*, 84:4919-4921, 1962.
- LEETE, E.: Biogenesis of morphine. *Chemistry and Industry* (London), p. 977-978, 1958. (Also acknowledges MH-2075).
- LEETE, E.: Biogenesis of d-norpseudo ephedrine in *Catha edulis*. *Chemistry and Industry* (London), p. 1088-1089, 1958. (Also acknowledges MH-2075).
- LEETE, E.: Biogenesis of mescaline. (Abstract) *Chemistry and Industry* (London), p. 604, May 9, 1959.
- LEETE, E.: The alkaloids of *Datura*. In: *The genus Datura*. New York, Ronald Press, 1959.
- LEETE, E.: The biogenesis of morphine. *Journal of the American Chemical Society*, 81:3948-3951, 1959. (Also acknowledges MH-2075).
- LEETE, E.: Biogenesis of ajmaline. *Chemistry and Industry* (London), 692-693, 1960.
- LEETE, E.: The biogenesis of tropic acid and related studies on the alkaloids of *datura stramonium*. *Journal of the American Chemical Society*, 82: 612-694, 1960.
- LEETE, E.: The biogenesis of the rauwolfia alkaloids: I. The incorporation of tryptophan into ajmaline. *Journal of the American Chemical Society*, 82: 6338-6342, 1960.
- LEETE, E.: The stereospecific incorporation of ornithine into the tropine moiety of hyoscyamine. *Journal of the American Chemical Society*, 84:55-57, 1962.
- LEETE, E.: Alkaloid biogenesis. In: Bernfeld, P. *The biogenesis of natural compounds*. New York, Pergamon Press, 1963, p. 739-797.
- LEETE, E.: Alkaloid biogenesis. In: De Mayo, P., ed. *Degradation and elucidation of structures*. New York, Interscience, 1963, Chapter 7.
- LEETE, E.: Biosynthesis of the colchicum alkaloids: III. The incorporation of phenyl alanine-2-C<sup>14</sup> into colchicine and demecolcine. *Journal of the American Chemical Society*, 85:3666-3669, 1963.
- LEETE, E.: Biosynthesis of alkaloids. *Science*, 147: 1000-1006, 1965.
- LEETE, E., and BELL, V. M.: The biogenesis of the nicotiana alkaloids: VIII. The metabolism of
- LEETE, E., and FRIEDMAN, A. R.: Biosynthesis of the nicotiana alkaloids: X. The incorporation of glycerol-2-C<sup>14</sup> into the pyridine ring of anabasine. *Journal of the American Chemical Society*, 86: 1224-1226, 1964.
- LEETE, E., and GHOSAL, S.: Further studies on the biosynthesis of the non-tryptophan derived portion of ajmaline and related alkaloids. *Tetrahedron Letters*, 25:1179-1183, 1962.
- LEETE, E., GHOSAL, S., and EDWARDS, P. N.: Biosynthesis of the non-tryptophan derived portion of ajmaline. *Journal of the American Chemical Society*, 84:1068-1069, 1962.
- LEETE, E., and LOUDEN, M. L.: Biogenesis of tropic acids: Origin of the hydroxymethyl group. *Chemistry and Industry*, p. 1405-1406, Sept. 2, 1961.
- LEETE, E., and LOUDEN, M. L.: The incorporation of putrescine into hyoscyamine. *Chemistry and Industry*, 43:1725-1726, 1963.
- LEETE, E., and MURRILL, J. B.: The incorporation of dopamine into chelidonine and morphine. *Tetrahedron Letters*, No. 3, 147-151, 1964.
- LEETE, E., and NEMETH, P.: The biogenesis of the alkaloids of colchicum: I. The incorporation of phenyl alanine into colchicine. *Journal of the American Chemical Society*, 82:6055-6057, 1960.
- LEETE, E., and NEMETH, P. E.: The biogenesis of the alkaloids of colchicum: II. Tracer studies with acetate-1-C<sup>14</sup> and methioninemethyl-C<sup>14</sup>. *Journal of the American Chemical Society*, 83:2192-2194, 1961.
- LOUDEN, M. L., and LEETE, E.: The biosynthesis of tropic acid. *Journal of the American Chemical Society*, 84:1510, 1962.
- LOUDEN, M. L., and LEETE, E.: Further studies on the biosynthesis of tropic acid. *Journal of the American Chemical Society*, 84:4507-4509, 1962.
- O'DONOVAN, D., and LEETE, E.: Biosynthesis of gramine: Feeding experiments with tryptophan- $\beta$ -H<sup>3</sup>, C<sup>14</sup>. *Journal of the American Chemical Society*, 85:461-463, 1963.
- MH-2667 (R03) WYATT, GERTRUD L.: Therapy with stuttering children and their mothers. Wellesley Public Schools, Wellesley Hills, Mass. (1958-60)
- WYATT, GERTRUD L.: It takes two to talk. *Parents' Magazine*, December:44 and 76-80, 1961.
- WYATT, GERTRUDE L., and HERZAN, HELEN M.: Therapy with stuttering children and their mothers. *American Journal of Orthopsychiatry*, 32(4):645-659, 1962.

- plied Social Research, Jerusalem, Israel. (1959-62)
- FOA, U. G.: Convergences in the analysis of the structure of interpersonal behavior. *Psychological Review*, 68:341-353, 1961.
- FOA, U. G.: The structure of interpersonal behavior in the dyad. In: Crisswell, Joan, Solomon, Herbert, and Suppes, Patrick, eds. *Mathematical methods in small group processes*. Stanford, Stanford University Press, 1962, p. 166-179.
- FOA, U. G.: Dyadic relationship: Theory and experiments. In: Proceedings of the 16th International Congress of Psychology. Amsterdam, North-Holland Publishing Co., 1962.
- FOA, U. G.: A facet approach to the prediction of communalities. *Behavioral Science*, 8:220-226, 1963.
- FOA, U. G.: An order among different perceptions of the same behavior. *Perceptual and Motor Skills*, 17:341-342, 1963.
- FOA, URIEL G.: Cross-cultural similarity and difference in interpersonal behavior. *Journal of Abnormal and Social Psychology*, 68(5):517-522, 1964.
- FOA, URIEL G.: New developments in facet design and analysis. *Psychological Review*, 72(4):262-274, 1965.
- MH-2670 (R03) ROYCE, JOSEPH R.: Experimental reduction of autokinetic movement. University of Redlands, Redlands, Calif. (1958-60)
- ROYCE, JOSEPH R., STAYTON, WILLIAM R., and KINKADE, ROBERT G.: Experimental reduction of autokinetic movement. *American Journal of Psychology*, 75:221-231, 1962.
- MH-2673 (R01) AUERBACH, VICTOR H.: Control of amino acid metabolism. St. Christophers Hospital for Children, Philadelphia, Pa. (1959-61)
- AUERBACH, V. H., DIGEORGE, A. M., BALDRIDGE, R. C., TOURTELLOTT, C. D., and BRIGHAM, M. P.: Histidinemia. A deficiency in histidase resulting in the urinary excretion of histidine and of imidazolepyruvic acid. *Journal of Pediatrics*, 60:487-497, 1962.
- DIGEORGE, A. M., and AUERBACH, V. H.: Leucine-induced hypoglycemia. A review and speculations. *American Journal of Medical Science*, 240:792-801, 1960.
- DIGEORGE, A. M., AUERBACH, V. H., and MABRY, C. C.: Elevated serum insulin associated with leucine-induced hypoglycemia. *Nature*, 188:1036-1037, 1960.
- MABRY, C. C., DIGEORGE, A. M., and AUERBACH, V. H.: Leucine-induced hypoglycemia. I. Clinical observations and diagnostic considerations. *Journal of Pediatrics*, 57:526-538, 1960.
- MABRY, C. C., DIGEORGE, A. M., and AUERBACH, V. H.: Leucine-induced hypoglycemia. II. Studies concerning other amino acids and leucine metabolites. *Journal of Pediatrics*, 57:539-547, 1960.
- MH-2676 (R03) STORROW, HUGH A., and SPANNER, MARVIN: Patient-therapist attitudes in psychotherapy. University of California, Los Angeles, Calif. (1958-61)
- STORROW, H. A., and SPANNER, M.: Does psychotherapy change patients' attitudes? *Journal of Nervous and Mental Disease*, 134:440-446, 1962.
- MH-2679 (R01) WORTIS, JOSEPH: Translation and review of Russian psychiatric literature. Individual, Bronxville, N.Y. (1959-64)
- ANDREEV, B. V.: Sleep therapy in the neuroses. (English translation from the Russian). (Preface and bibliography by Wortis, J., ed.). New York, Consultants Bureau, 1960. 114 p.
- BEKHTEREVA, N. P.: Biopotentials of cerebral hemispheres in brain tumors. (English translation from the Russian). (Wortis, J., ed.) New York, Consultants Bureau, 1962. 183 p.
- KRUSHINSKII, I. V.: Animal behavior—its normal and abnormal development. (English translation from the Russian). (Wortis, J., ed.) New York, Consulting Bureau, 1961. 261 p.
- MALIS, G. YU.: Research on the etiology of schizophrenia. (English translation from the Russian). (Wortis, J., ed.) New York, Consultants Bureau, 1961. 195 p.
- MIASISHCHEV, V. N.: Personality and neuroses (English translation from the Russian). (Wortis, J., ed.) Washington, D.C., U.S. Department of Commerce, Office of Technical Services, Joint Publications Research Service, 1963. 281 p.
- PEVZNER, M. S.: Oligophrenia: Mental deficiency in children. (Wortis, J., ed. English translation from the Russian) New York, Consultants Bureau, 1961. 406 p.
- WORTIS, JOSEPH: Mental retardation in the Soviet Union. *Children*, 7(6):219-222, 1960.
- WORTIS, JOSEPH: International communication and cooperation in the field of mental retardation. *American Journal of Mental Deficiency*, 65(4):426-433, 1961.
- WORTIS, J.: A psychiatric study tour of the U.S.S.R. *Journal of Mental Science*, 107(446):119-156, 1961.
- WORTIS, J.: A 'thaw' in Soviet psychiatry? *American Journal of Psychiatry*, 119:586-588, 1962.



- WORTIS, J.: Pavlovianism and clinical psychiatry. In: Wortis, J., ed. *Recent advances in biological psychiatry*. Vol. 4. New York, Plenum Press, 1962, p. 13-23.
- WORTIS, J.: Alcoholism in the Soviet Union: Public health and social aspects. *American Journal of Public Health*, 53:1644-1655, 1963.
- WORTIS, J., and CHOI, S. M.: Psychophysiological factor analysis in retarded, neurotic and psychotic children. In: Wortis, J., ed. *Recent advances in biological psychiatry*. Vol. 5. New York, Plenum Press, 1963.
- WORTIS, JOSEPH, and FREUNDLICH, DAVID: Psychiatric work therapy in the Soviet Union. *American Journal of Psychiatry*, 121:123-128, 1964.
- ZEIGARNIK, BLYUMA VUL'FOVNA: The pathology of thinking. New York, Consultants Bureau, 1965. 211 p.
- MH-2681 (R01) CHILD, IRVIN L., and BACON, MARGARET K.: A cross-cultural study of alcohol consumption. Yale University, New Haven, Conn. (1958-62)
- BACON, MARGARET K., BARRY, HERBERT, III, and CHILD, IRVIN L.: A cross-cultural study of drinking: II. Relations to other features of culture. *Quarterly Journal of Studies on Alcohol*, Suppl. No. 3: 29-48, April 1965. (Also acknowledges MH-1758).
- BACON, MARGARET K., BARRY, HERBERT, III, CHILD, IRVIN L., and SNYDER, CHARLES R.: A cross-cultural study of drinking: V. Detailed definitions and data. *Quarterly Journal of Studies on Alcohol*, Suppl. No. 3: 78-114, April 1965. (Also acknowledges MH-1758).
- BACON, MARGARET K., CHILD, IRVIN L., and BARRY, HERBERT: A cross-cultural study of correlates of crime. *Journal of Abnormal and Social Psychology*, 66:291-300, 1963.
- BARRY, HERBERT, III, BUCHWALD, CHARLES, CHILD, IRVIN L., and BACON, MARGARET K.: A cross-cultural study of drinking: IV. Comparisons with Horton ratings. *Quarterly Journal of Studies on Alcohol*, Suppl. No. 3:62-77, April 1965. (Also acknowledges MH-1758).
- CHILD, IRVIN L., BACON, MARGARET K., and BARRY, HERBERT, III: A cross-cultural study of drinking: I. Descriptive measurements of drinking customs. *Quarterly Journal of Studies on Alcohol*, Suppl. No. 3:1-28, April 1965. (Also acknowledges MH-1758).
- CHILD, IRVIN L., BARRY, HERBERT, III, and BACON, MARGARET K.: A cross-cultural study of drinking: III. Sex differences. *Quarterly Journal of Studies on Alcohol*, Suppl. No. 3:49-61, April 1965 (Also acknowledges MH-1758).
- GEER, J. H., and BUSS, A. H.: Supplementary report. Generalization of a nonverbal response to aggressive verbal stimuli. *Journal of Experimental Psychology*, 63(4):413-414, 1962.
- MH-2686 (R01) GRUMAN, GERALD J.: History of longevity hypotheses. American College of Neuropsychopharmacology, Cambridge, Mass. (1959-59) (Continued from MH-2163).
- GRUMAN, GERALD J.: The rise and fall of longevity hygiene: 1558-1863. *Bulletin of the History of Medicine*, 35:221-229, 1961.
- MH-2693 (R01) SIEVERS, DOROTHY J., and ESSA, SHIRLEY H.: Early language development of mentally retarded. Columbus State School, Columbus, Ohio. (1959-60)
- SIEVERS, DOROTHY J., and ESSA, SHIRLEY H.: Language development in institutionalized and community mentally retarded children. *American Journal of Mental Deficiency*, 66:413-420, 1961.
- MH-2696 (R01) COOPERSMITH, STANLEY: The antecedents and dynamics of self-esteem. Wesleyan University, Middletown, Conn. (1959-62)
- COOPERSMITH, STANLEY: Self esteem and need achievement as determinants of selective recall and repetition. *Journal of Abnormal and Social Psychology*, 60:310-317, 1960.
- COOPERSMITH, STANLEY: Clinical explanation of self esteem. In: Skard, A., and Husen, T., eds. *Proceedings of the 14th International Congress of Applied Psychology*. Vol. 3. Munksgaard, Copenhagen, 1962, p. 61-78.
- COOPERSMITH, S.: The relationship between self esteem and sensory (perceptual) constancy. *Journal of Abnormal and Social Psychology*, 68(2): 217-221, 1964.
- COOPERSMITH, S.: Adaptive reactions of alcoholics and nonalcoholics. *Quarterly Journal of Studies on Alcohol*, 25:262-278, 1964.
- COOPERSMITH, S.: The effects of alcohol on reactions to affective stimuli. *Quarterly Journal of Studies on Alcohol*, 25:459-475, 1964.
- MH-2698 (R01) WILSON, WILLIAM P.: Photically elicited EEG arousal in mental disease. University of Texas, Galveston, Texas (1959-60)
- ERWIN, C. WILLIAM, LERNER, MARVIN, WILSON, NORMAN J., and WILSON, WILLIAM P.: Some further observations on the photically elicited arousal response. *Electroencephalography and Clinical Neurophysiology*, 13:391-394, 1961.
- WILSON, WILLIAM P.: Observations on the effect of toxic doses of atropine on the electroencephalogram man. *Journal of Neuropsychiatry*, 2:186-190, 1961.

- WILSON, W. P., JOHNSON, J. E., and FEIST, F. W.: Thyroid hormone and brain function: II. Changes in photoically elicited EEG responses following the administration of triiodothyronine to normal subjects. *Electroencephalography and Clinical Neurophysiology*, 16:329-331, 1964.
- ZUNG, WILLIAM W. K., and WILSON, WILLIAM P.: Response to auditory stimulation during sleep. *Archives of General Psychiatry*, 4:548-552, 1961.
- MH-2700 (R01) KRIS, ELSE B.: Drug therapy in a day care fac. for relapse control. Manhattan Day Care Facility, New York, N.Y. (1958-63)
- KRIS, ELSE B.: Intensive short-term treatment in a day care facility for the prevention of rehospitalization of patients in the community showing recurrence of psychotic symptoms. *Psychiatric Quarterly*, 34(1):83-88, 1960.
- KRIS, ELSE B.: Prevention of rehospitalization through relapse control in a day hospital. In: Greenblatt, Milton. *Mental patients in transition*. Springfield, Ill., Thomas, 1961, p. 155-162.
- KRIS, ELSE B.: After-care and rehabilitation of patients returned to the community. In: Proceedings of the Third World Congress of Psychiatry. Montreal, University of Toronto Press/McGill University Press, 1961, p. 245-249. (Also acknowledges MH-3868).
- KRIS, ELSE B.: Post-hospital care of patients in the community. *Current Therapeutic Research*, 4:200-205, 1962. (Also acknowledges MH-3868).
- KRIS, ELSE B.: After-care and rehabilitation of the mentally ill. *Current Therapeutic Research*, 5(1): 24-30, 1963.
- KRIS, ELSE B.: The role of the day hospital in the rehabilitation of mental patients. In: Proceedings of the Institute on Rehabilitation of the Mentally Ill. New York, Altro Health & Rehabilitation Services, 1962, p. 33-36. Also In: *Clinical Medicine*, 70(6):1091-1096, 1963.
- MH-2701 (R03) KREZANOSKI, JOSEPH Z.: Action of iproniazid on tetrahymena pyriformis. Medical College of Virginia, Richmond, Va. (1958-59)
- KREZANOSKI, JOSEPH Z.: Effects of iproniazid on "Tetrahymena" pyriformis. *Journal of Pharmaceutical Sciences*, 50(5):421-424, 1961.
- MH-2704 (R01) MAIER, NORMAN R. F.: Factors in effective problem solving. University of Michigan, Ann Arbor, Mich. (1959- )
- BURKE, RONALD J.: Sex differences in recognizing the correct answer to a problem. *Psychological Reports*, 17(2):532-534, 1965.
- BURKE, RONALD J., and MAIER, NORMAN R. F.: HOFFMAN, L. R.: Conditions for creative problem solving. *Journal of Psychology*, 52:429-444, 1961.
- HOFFMAN, L. R.: A note on ratings versus choices as measures of group attraction. *Sociometry*, 25: 313-320, 1962.
- HOFFMAN, L. RICHARD: Group problem solving. In: Berkowitz, Leonard, ed. *Advances in experimental social psychology*. Vol. 2. New York, Academic Press, 1965, p. 99-132.
- HOFFMAN, L. R., BURKE, R. J., and MAIER, N. R. F.: Does training with differential reinforcement on similar problems help in solving a new problem? *Psychological Reports*, 13:147-154, 1963.
- HOFFMAN, L. R., BURKE, RONALD J., and MAIER, NORMAN R. F.: Participation, influence, and satisfaction among members of problem-solving groups. *Psychological Reports*, 16:661-667, 1965.
- HOFFMAN, L. R., HARBURG, E., and MAIER, N. R. F.: Differences and disagreement as factors in creative group problem solving. *Journal of Abnormal and Social Psychology*, 64:206-214, 1962.
- HOFFMAN, L. R., and MAIER, N. R. F.: Quality and acceptance of problem solutions by members of homogeneous and heterogeneous groups. *Journal of Abnormal and Social Psychology*, 62:401-408, 1961.
- HOFFMAN, L. R., and MAIER, N. R. F.: Sex differences, sex composition and group problem solving. *Journal of Abnormal and Social Psychology*, 63: 453-456, 1961.
- HOFFMAN, L. RICHARD, and MAIER, NORMAN R. F.: Valence in the adoption of solutions by problem-solving groups: Concept, method, and results. *Journal of Abnormal and Social Psychology*, 69: 264-271, 1964.
- HOFFMAN, L. RICHARD, and MAIER, NORMAN R. F.: An experimental reexamination of the similarity-attraction hypothesis. *Journal of Personality and Social Psychology*, 3(2):145-152, 1966.
- HOFFMAN, L. R., and SMITH, C. G.: Some factors affecting the behavior of members of problem-solving groups. *Sociometry*, 23:273-291, 1960.
- MAIER, N. R. F.: Screening solutions to upgrade quality: A new approach to problem solving under conditions of uncertainty. *Journal of Psychology*, 49:217-231, 1960.
- MAIER, N. R. F.: Fit decisions to your needs. *Nation's Business*, 48:48-52, 1960.
- MAIER, N. R. F.: Leadership principles for problem-solving conferences. *Michigan Business Review*, 14:8-15, 1962.
- MAIER, N. R. F.: Problem solving discussions and

- MAIER, N. R. F., and HOFFMAN, L. R.: Using trained "developmental" discussion leaders to improve further the quality of group decisions. *Journal of Applied Psychology*, 44:247-251, 1960.
- MAIER, N. R. F., and HOFFMAN, L. R.: Quality of first and second solutions in group problem-solving. *Journal of Applied Psychology*, 44:278-283, 1960.
- MAIER, N. R. F., and HOFFMAN, L. R.: Organization and creative problem solving. *Journal of Applied Psychology*, 45:277-280, 1961.
- MAIER, N. R. F., and HOFFMAN, L. R.: Group decision in England and the United States. *Personnel Psychology*, 15:75-87, 1962.
- MAIER, N. R. F., and HOFFMAN, L. R.: Seniority in work groups—A right or an honor? *Journal of Applied Psychology*, 47:173-176, 1963.
- MAIER, N. R. F., and HOFFMAN, L. R.: Financial incentives and group decision in motivating change. *Journal of Social Psychology*, 64:369-378, 1964.
- MAIER, N. R. F., and HOFFMAN, L. R.: Types of problems confronting managers. *Personnel Psychology*, 17:261-269, 1964.
- MAIER, NORMAN R. F., and HOFFMAN, L. RICHARD: Acceptance and quality of solutions as related to leaders' attitudes toward disagreement in group problem solving. *Journal of Applied Behavioral Science*, 1(4):373-386, 1965.
- MAIER, N. R. F., HOFFMAN, L. R., and LANSKY, L. M.: Human relations training as manifested in an interview situation. *Personnel Psychology*, 13:11-30, 1960.
- MAIER, N. R. F., and SOLEM, A. R.: Improving solutions by turning choice situations into problems. *Personnel Psychology*, 15:151-157, 1962.
- MAIER, W. H., MAIER, N. R. F., and HOFFMAN, L. R.: Superior-subordinate communication: The relative effectiveness of managers who held their subordinates' positions. *Personnel Psychology*, 16:1-11, 1963.
- MH-2713 (R01) AINSWORTH, MARY D., and AINSWORTH, LEONARD H.: Acculturation and personality in East Africa. Johns Hopkins University, Baltimore, Md. (1959-60)
- AINS WORTH, L. M., and AINSWORTH, MARY D.: Acculturation in East Africa. I. Political awareness and attitudes to authority. *Journal of Social Psychology*, 57:391-399, 1962.
- AINS WORTH, L. H., and AINSWORTH, MARY D.: Acculturation in East Africa. III. Attitudes to parents, teachers, and education. *Journal of Social Psychology*, 57:409-415, 1962.
- AINS WORTH, MARY D., and AINSWORTH, L. H.: Acculturation in East Africa. II. Frustration and aggression. *Journal of Social Psychology*, 57:401-407, 1962.
- AINS WORTH, MARY D., and AINSWORTH, L. M.: Acculturation in East Africa. IV. Summary and discussion. *Journal of Social Psychology*, 57:417-432, 1962.
- MH-2715 (R01) POLLACK, MAX, and FINK, MAX: Behavior changes with induced altered brain function. Hillside Hospital, Glen Oaks, N.Y. (1959-63) (Continued as MH-7432).
- BELMONT, I., BIRCH, H. G., POLLACK, M., and KLEIN, D. F.: Perceptual evidence of CNS dysfunction in schizophrenia. *A. M. A. Archives of General Psychiatry*, 10:395-408, 1964. (Also acknowledges MH-4798).
- BELMONT, I., POLLACK, M., WILLNER, A., KLEIN, DONALD, and FINK, MAX: Effects of imipramine and chlorpromazine on perceptual analytic ability, perceptual responsivity and memory as revealed in Rorschach responses. *Journal of Nervous and Mental Disease*, 137:42-50, 1963. (Also acknowledges MH-7432).
- BLUMBERG, ARNOLD G.: Effect of chlorpromazine with procyclidine and imipramine on radioactive iodine uptake. *Journal of Clinical Endocrinology and Metabolism* 23(9):881-884, 1963. (Also acknowledges MH-4798).
- BLUMBERG, A. G., KLEIN, D. F., and POLLACK, M.: Effects of chlorpromazine and imipramine on systolic blood pressure in psychiatric patients: Relationships to age, diagnosis and initial blood pressure. *Journal of Psychiatric Research*, 2:51-60, 1964. (Also acknowledges MH-2938 and MH-4798).
- BLUMBERG, A. G., LADHRMAN, P., and FINK, MAX: Efficacy of divided and single dose schedules in insulin coma therapy. *American Journal of Psychiatry*, 116:839-840, 1960.
- FINK, MAX: Quantitative electroencephalography and human psychopharmacology. 1. Frequency spectra and drug action. *Neuropsychopharmacologie*, 2. Symposium, Nurnberg, 1961. *Medicina Experimentalis*, 5:364-369, 1961. (Also acknowledges MH-2092).
- FINK, MAX: The mode of action of convulsive therapy: The neurophysiologic-adaptive view. *Journal of Neuropsychiatry*, 3:231-233, 1962. (Also acknowledges MH-927 and MH-2092).
- FINK, MAX: Quantitative electroencephalography in human psychopharmacology II. Drug patterns. In: Glaser, G., ed. *BEG correlates of behavior*. New York, Basic Books, 1963, p. 177-197. (Also acknowledges MH-5338 and MH-7432).

- FINK, M., KLEIN, D. F., and KRAMER, J. C.: Clinical efficacy of chlorpromazine-procyclidine combination, imipramine and placebo in depressive disorders. *Psychopharmacologia*, 7(1):27-36, 1965. (Also acknowledges MH-7432 and MH-4798).
- FINK, MAX, POLLACK, M., KLEIN, D. F., BLUMBERG, A. G., BELMONT, I., KARP, E., KRAMER, J. C., and WILLNER, A.: Comparative studies of chlorpromazine and imipramine. I. Drug discriminating patterns. In: Bradley, P. B., ed. *Neuro-psychopharmacology*. Vol. 3. Amsterdam, Elsevier, 1963, p. 370-372. (Also acknowledges MH-2938 and MH-4798).
- FINK, MAX, SIEGEL, N., KAHN, R. L., and POLLACK, M.: Diagnosis and treatment in three psychiatric hospitals. *Social Problems*, 10:191-196, 1959.
- GITTELMAN, R. K., KLEIN, D. F., and POLLACK, M.: Effects of psychotropic drugs on long-term adjustment: A review. *Psychopharmacologia*, 5: 317-338, 1964. (Also acknowledges MH-4798).
- KARP, ERIC, and POLLACK, MAX: Comparative studies of chlorpromazine and imipramine, III. Critical flicker fusion thresholds in psychiatric patients. *Psychopharmacologia*, 4:452-458, 1963. (Also acknowledges MH-7432).
- KARP, E., POLLACK, M., and FINK, M.: Critical flicker frequency and electroencephalography alpha: A reliability study. *Electroencephalography and Clinical Neurophysiology*, 14:60-63, 1962. (Also acknowledges MH-2092).
- KLEIN, D. F.: Management problems at Hillside Hospital, 1960 and 1963. *Journal of Hillside Hospital*, 13:79-94, 1964. (Also acknowledges MH-4798).
- KLEIN, D. F.: Delineation of two-drug responsive anxiety syndromes. *Psychopharmacologia*, 5:397-408, 1964. (Also acknowledges MH-4798).
- KLEIN, D. F.: Visual hallucinations with imipramine. *American Journal of Psychiatry*, 121(9):911-914, 1965. (Also acknowledges MH-4798).
- KLEIN, D. F., and FINK, M.: Psychiatric reaction patterns to imipramine (Tofranil). *American Journal of Psychiatry*, 119(5):432-438, 1962. (Also acknowledges MH-4798).
- KLEIN, D. F., and FINK, M.: Behavioral reaction patterns with phenothiazines. *A. M. A. Archives of General Psychiatry*, 7:449-459, 1962. (Also acknowledges MH-927 and MH-4798).
- KLEIN, D. F., and FINK, M.: Multiple item factors as change measures in psychopharmacology. *Psychopharmacologia*, 4:43-52, 1963. (Also acknowledges MH-4798).
- KRAMER, J. C.: Single daily dose schedules of imipramine (Tofranil). *Comprehensive Psychiatry*, 3:191-192, 1962.
- KRAMER, J. C., KLEIN, D. F., and FINK, MAX: Withdrawal symptoms following discontinuation of imipramine therapy. *American Journal of Psychiatry*, 118:549-550, 1961.
- KRAMER, J. C., KLEIN, D. F., and FINK, M.: Imipramine as an adjunct to phenothiazine therapy. *Comparative Psychiatry*, 3(6):377-380, 1962. (Also acknowledges MH-4798).
- POLLACK, E., KARP, I., BELMONT, I., WILLNER, A., KLEIN, D., and FINK, M.: Comparative studies of chlorpromazine and imipramine. II. Psychological performance profiles. In: Bradley, P. B., ed. *Neuropsychopharmacology*. Vol. 3. New York, Elsevier, 1964, p. 373-376. (Also acknowledges MH-4798).
- POLLACK, MAX, KLEIN, DONALD F., WILLNER, ARTHUR, BLUMBERG, ARNOLD, and FINK, MAX: Imipramine-induced behavioral disorganization in schizophrenic patients: Physiological and psychological correlates. In: Wortis, Joseph, ed. *Recent advances in biological psychiatry*. Vol. 7. New York, Plenum Press, 1964, p. 53-61. (Also acknowledges MH-2938 and MH-4798).
- WILLNER, A., and BELMONT I.: Relation of motor performance to perceived movement in Rorschach inkblots. *Perceptual and Motor Skills*, 19:675-684, 1964.
- MH-2716 (R01) FRIEDHOFF, ARNOLD J., and ALPERT, MURRAY: Measurement of daily activities in drug evaluation. New York University, New York, N.Y. (1959-60)
- FRIEDHOFF, A. J., and ALPERT, M.: The effect of chlorpromazine on the variability of motor task performance in schizophrenics. *Journal of Nervous and Mental Disease*, 130(8):110-116, 1960.
- FRIEDHOFF, A. J., ALPERT, M., and KURTZBERG, R. L.: An effect of emotion on voice. *Nature*, 193:357-358, 1962. (Also acknowledges MH-4664 and MH-664).
- FRIEDHOFF, A. J., ROSENBLATT, GILDA, LYNN, FRANCIS, ALPERT, MURRAY, and WORTIS, S. B.: Evaluation of change in drug-treated psychiatric patients. *Diseases of the Nervous System*, 21(7): 373-377, 1960.
- ROSENBLUM, WILLIAM I., and FRIEDHOFF, AMAR J.: Response of adult schizophrenics to caloric stimulation. *Journal of Nervous and Mental Disease*, 133(2):104-107, 1961.
- MH-2717 (R01) FRIEDHOFF, ARNOLD J., and GOLDSTEIN, MENEK: Biogenic amines in the central nervous system. New York University Medical Center, New York, N.Y. (1959- )
- FRIEDHOFF, A. J., and GOLDSTEIN, M.: New developments in metabolism of mescaline and related amines. *Annals of the New York Academy of Science*, 96(1):5-12, 1962.

- FRIEDHOFF, A. J., GOLDSTEIN, M., SIMMONS, C., and WORTIS, S. B.: Conversion of dopamine to norepinephrine and to 3-methoxynorepinephrine in adrenalectomized rats. *Federation Proceedings*, 19(1):192, 1960.
- GOLDSTEIN, M.: The inhibition "in vivo" of norepinephrine synthesis by adrenalone. *Biochemical Pharmacology*, 11:809-811, 1962.
- GOLDSTEIN, M.: Cerebral metabolism of DOPA-C in rats. *International Journal of Neuropharmacology*, 3:37-43, 1964.
- GOLDSTEIN, MENEK, ANAGNOSTE, BERTHA, LAUBER, EDGAR, and MCKERECHAN, MARGOT R.: Inhibition of dopamine-B-hydroxylase by disulfiram. *Life Sciences*, 3:763-767, 1964.
- GOLDSTEIN, M., ANAGNOSTE, B., OWEN, W., BATISTA, A., and RANSOHOFF, J.: Regional distribution and metabolism of dopamine-H<sub>3</sub> in the CNS of monkeys. (Abstract) *Federation Proceedings*, 25(2):713, 1966.
- GOLDSTEIN, M., and CONTRERA, J. F.: Inhibition of norepinephrine and epinephrine in vitro. *Biochemical Pharmacology*, 7:77-78, 1961.
- GOLDSTEIN, M., and CONTRERA, J. F.: Inhibition of dopamine-B-oxidase by imipramine. *Biochemical Pharmacology*, 7:278-279, 1961.
- GOLDSTEIN, M., and CONTRERA, J. F.: Studies on inhibition of 3, 4 dihydroxyphenylethylamine (dopamine)  $\beta$ -oxidase in vitro. *Separatum Experimentia*, 17:267-269, 1961.
- GOLDSTEIN, M., FRIEDHOFF, A. J., POMERANTZ, S., and GERTNER, S. B.: Formation of 3,4-dihydroxyphenylethanol and 3-methoxy-4-hydroxyphenylethanol from 3,4-dihydroxyphenylethylamine in the rat. *Journal of Biological Chemistry*, 236(6):1816-1821, 1961.
- GOLDSTEIN, M., FRIEDHOFF, A. J., POMERANTZ, S., and SIMMONS, C.: Characterization of a new metabolite of dopamine. *Biochimica et Biophysica Acta*, 39:189-191, 1960.
- GOLDSTEIN, M., FRIEDHOFF, A. J., and SIMMONS, C.: Synthesis and inactivation of norepinephrine in adrenalectomized rats. In: First International Congress of Endocrinology, Copenhagen. New York, New York University Bellevue Medical Center, 1960, p. 1317-1318.
- GOLDSTEIN, M., FRIEDHOFF, A. J., SIMMONS, C., and PROCHOROFF, N. N.: Metabolism of 3-hydroxytyramine-1-C<sup>14</sup> in brain tissue homogenates. *Experientia*, 15(7):254-260, 1959.
- GOLDSTEIN, M., FRIEDHOFF, A. J., SIMMONS, C., and PROCHOROFF, N. N.: Conversion of 3-hydroxytyramine-1-C<sup>14</sup> to 3-methoxynorepinephrine in vivo. *Federation Proceedings*, 18(1):236, 1959.
- GOLDSTEIN, M., FRIEDHOFF, A. J., SIMMONS, C., and PROCHOROFF, N. N.: Indirect evidence of synthesis of norepinephrine from 3-hydroxytyramine-1-C<sup>14</sup> in vivo. *Proceedings of the Society for Experimental Biology and Medicine*, 103:137-140, 1960.
- GOLDSTEIN, M., LAUBER, E., BLUMBER, W. E., and PEISACH, J.: Dopamine-B-hydroxylase-A copper enzyme. (Abstract) *Federation Proceedings*, 24(2) Part 1:604, 1965.
- GOLDSTEIN, M., LAUBER, E., and MCKERECHAN, M. R.: The inhibition of dopamine-B-hydroxylase by tropolone and other chelating agents. *Biochemical Pharmacology*, 13:1103-1106, 1964.
- GOLDSTEIN, MENEK, and NAKAJIMA, KAZUHIKO: The effect of disulfiram on the biosynthesis of catecholamines during exposure of rats to cold. *Life Sciences*, 5(2):175-179, 1966.
- GOLDSTEIN, MENEK, and WEISS, ZVI: Inhibition of tyrosine hydroxylase by 3-iodo-L-tyrosine. *Life Sciences*, 4(2):261-264, 1965.
- MH-2719 (R01) MAY, PHILIP R., and WEXLER, MILTON: Psychotherapy of schizophrenia. Camarillo State Hospital, Camarillo, Calif. (1959- )
- DISTLER, LUTHER S., MAY, PHILIP R. A., and TUMA, A. H.: Anxiety and ego strength as predictors of response to treatment in schizophrenic patients. *Journal of Consulting Psychology*, 28:170-177, 1964.
- MCKEEVER, W. F., and MAY, P. R. A.: The MACC scale as a predictor of length of hospitalization for schizophrenic patients: A cross validation. *Journal of Consulting Psychology*, 28(5):474, 1964.
- MCKEEVER, W. F., MAY, P. R. A., and TUMA, A. H.: Prognosis in schizophrenia: Prediction of length of hospitalization from psychological test variables. *Journal of Clinical Psychology*, 21(2):214-221, 1965. (Also acknowledges MH-4589).
- MAY, PHILIP R. A.: Ataraxic drugs and electro-shock therapy in schizophrenic patients. In: Bradley, P. B., Flugel, F., and Hoch, P., eds. *Neuropsychopharmacology*. Vol. 3. Amsterdam, Elsevier, 1964, p. 162-165.
- MAY, P. R. A., and TUMA, A. H.: The effect of psychotherapy and Stelazine on length of hospital stay, release rate and supplemental treatment of schizophrenic patients. *Journal of Nervous and Mental Disease*, 139:362-369, 1964. (Also acknowledges MH-4589).
- MAY, PHILIP R. A., and TUMA, A. HUSSAIN: Choice of criteria for the assessment of treatment outcome. *Journal of Psychiatric Research*, 2:199-209, 1964.
- MAY, PHILIP R. A., and TUMA, A. HUSSAIN: Treatment of schizophrenia. *British Journal of Psychi-*

- ary, 3(475):503-510, 1965. (Also acknowledges MH-4589).
- MAY, PHILIP R. A., TUMA, A. HUSSAIN, and KRAUDE, WESLEY: Community follow-up of treatment of schizophrenia: Issues and problems. *American Journal of Orthopsychiatry*, 35(4):754-763, 1965. (Also acknowledges MH-4589).
- MAY, PHILIP R. A., TUMA, A. HUSSAIN, DISTLER, LUTHER S., and MCKEEVER, WALTER F.: Selections of treatment for schizophrenic patients: Methodological problems of outcome and prognosis research. *Psychiatric Quarterly*, 40(2):236-247, 1966. (Also acknowledges MH-4589).
- MH-2720 (R01) FRANKS, CYRIL M.: The effects of alcohol as related to personality. New Jersey Neuropsychiatric Institute, Princeton, N.J. (1959-61)
- FRANKS, C. M.: Personality, satiation, and inhibition: A preliminary report. In: Proceedings of the Sixteenth International Congress of Psychology. *Acta Psychologica*, 19:742-743, 1961.
- FRANKS, C. M.: Some observations and impressions on East German psychology and two international conferences—Summer 1960. *Welfare Reporter* (N.J.), 12:126-135, 1961.
- FRANKS, C. M.: The apparent failure of ethyl alcohol to inhibit the formation of conditioned eye-blink responses in man. *Psychopharmacologia*, 4:433-440, 1963.
- FRANKS, C. M.: The effects of alcohol upon fluctuation in perspective, blink rate and eye movements. *Quarterly Journal of Studies on Alcohol*, 25(1):56-66, 1964.
- FRANKS, C. M., HOLDEN, E., and PHILLIPS, M.: Eysenck's "stratification" theory and the questionnaire method of measuring personality. *Journal of Clinical Psychology*, 17:248-253, 1961.
- MH-2721 (R01) REGAN, PETER F., III, and DOWIS, JAMES L.: Patterns of thinking in psychiatric diseases. University of Florida, Gainesville, Fla. (1959-64)
- DOWIS, J. L., and BUCHANAN, C. E.: Some relationships between intellectual efficiency and the severity of psychiatric illness. *Journal of Psychology*, 51:371-381, 1961.
- MCKINNEY, J., PAWLIGER, D., and DOWIS, J. L.: Information analysis of sequential dependencies. *Behavioral Science*, 7:128-129, 1962.
- WIPF, JOHN LEE: Positive and negative gradients of response strength in a temporal conflict situation. *Journal of Experimental Psychology*, 67:234-241, 1964. (Also acknowledges MH-4952 and MH-6900).
- MH-2722 (R01) KINS, SYLVAN S.: A study of themes of two types of depressed patients. Philadelphia Psychiatric Hospital, Philadelphia, Pa. (1958-61)
- FRIEDMAN, JOSEPH, and SCHIFFMAN, HAROLD: Early recollections of schizophrenic and depressed patients. *Journal of Individual Psychology*, 18:57-61, 1962.
- MH-2724 (R01) SPIVACK, GEORGE, and LEVINE, MURRAY: Illusions and aftereffects in brain damage. Devereux Schools, Devon, Pa. (1958-61)
- LEVINE, M., and SPIVACK, G.: Rate of reversal of the Necker cube in diffuse brain injury. *Journal of Clinical Psychology*, 18:122-124, 1962.
- LEVINE, M., and SPIVACK, G.: Adaptation to repeated exposure to the spiral visual aftereffect in brain damaged, emotionally disturbed, and normal individuals. *Perceptual and Motor Skills*, 14:425-426, 1962.
- LEVINE, M., SPIVACK, G., and FERWALD, D.: Discrimination in diffuse brain damage. *American Journal of Mental Deficiency*, 67:287-300, 1962.
- SPIVACK, G., and LEVINE, M.: Note on the relationship between figural aftereffects and intelligence in diffusely brain-damaged individuals. *Perceptual and Motor Skills*, 13:342, 1961.
- MH-2726 (R01) DIMASCIO, ALBERTO, GREENBLATT, MILTON, HAVENS, LESTON L., and KIERMAN, GERALD L.: Experimental human psychopharmacology. Massachusetts Mental Health Center, Boston, Mass. (1958-62)
- DIMASCIO, A.: Learning characteristics of nonsense syllables: A function of letter frequency. *Psychological Reports*, 5:585, 1959.
- DIMASCIO, A.: Drug effects on competitive-paired associate learning: Relationship to and implications for the Taylor Manifest Anxiety Scale. *Journal of Psychology*, 56:89-97, 1963.
- DIMASCIO, ALBERTO A., and BROOKS, GEORGE W.: Free association to a fantasied psychotherapist. *Archives of General Psychiatry*, 4(5):513-516, 1961.
- DIMASCIO, A., HAVENS, L. L., and KLERMAN, G. L.: The psychopharmacology of phenothiazine compounds: A comparative study of the effects of chlorpromazine, promethazine, trifluoperazine, and perphenazine in normal males. I. Introduction, aims and methods. *Journal of Nervous and Mental Disease*, 136:15-28, 1963.
- DIMASCIO, A., HAVENS, L. L., and KLERMAN, G. L.: The psychopharmacology of phenothiazine compounds: A comparative study of the effects of chlorpromazine, promethazine, trifluoperazine, and

- perphenazine in normal males. 2. Results and discussion. *Journal of Nervous and Mental Disease*, 136(2):168-186, 1963.
- DIMASCIO, A., HAVENS, L. L., and SNELL, J. E.: A comparison of four phenothiazine derivatives: A preliminary report on the assessment of chlorpromazine, promethazine, perphenazine and trifluoperazine. In: Wortis, J., ed. *Recent advances in biological psychiatry*. Vol. 3. New York, Grune & Stratton, 1961, p. 68-76.
- DIMASCIO, A., and KLIERMAN, G. L.: Experimental human psychopharmacology: The role of non-drug factors. In: Sarwer-Poner, C. J., ed. *The dynamics of psychiatric drug therapy*. Springfield, Illinois, Thomas, 1959, p. 56.
- DIMASCIO, A., and KLIERMAN, G. L.: Psychophysiological studies of psychoactive drugs. In: Uhr, L., and Miller, J. G., eds. *Drugs and behavior*. New York, Wiley, 1960.
- DIMASCIO, A., and RINKEL, M.: Prediction of clinical effectiveness of psychopharmacologic agents from "drug action profiles" in normal human subjects. In: Masserman, J., ed. *Recent advances in biological psychiatry*. Vol. 2. New York, Grune & Stratton, 1960, p. 268-279.
- DIMASCIO, A., and RINKEL, M.: Personality and drugs: "Specific" or "non-specific" influence on drug actions. In: Rinkel, M., ed. *Specific and non-specific factors in psychopharmacology*. New York, Philosophical Library, 1962, p. 130-140.
- DIMASCIO, A., RINKEL, M., and LEIBERMAN, J.: Personality and psychotomimetic drugs. In: Proceedings of the 3rd World Congress of Psychiatry. Montreal, Canada, University of Toronto Press/McGill University Press, 1961, p. 933-936.
- KLIERMAN, G. L., and DIMASCIO, A.: Psychological effects of piperazine phenothiazines. (Abstract) *Federation Proceedings*, 20(1):393, 1961.
- KLIERMAN, GERALD L., DIMASCIO, ALBERTO, HAVENS, LESTON L., and SNELL, JOHN E.: Sedation and tranquilization: A comparison of the effects of a number of psychopharmacologic agents upon normal human subjects. *Archives of General Psychiatry*, 3(1):4-13, 1960.
- KLIERMAN, G. L., DIMASCIO, A., RINKEL, M., and GREENBLATT, M.: The influence of specific personality patterns on the reactions to phrenotropic agents. In: Masserman, J., ed. *Biological psychiatry*. New York, Grune & Stratton, Vol. 1, 1959, p. 224.
- RINKEL, M., ATWELL, C. R., DIMASCIO, A., and BROWN, J.: Psilocybine, a new psychogenic drug. *New England Journal of Medicine*, 262:295-297, 1960.
- SHURTLEFF, D., and DIMASCIO, A.: Stimulus generalization and stimulus discriminability: Effects of perphenazine. *Perceptual and Motor Skills*, 15: 439-442, 1962.
- SHURTLEFF, D., MOSTOFKY, D., and DIMASCIO, A.: The effects of some phenothiazine derivatives on the discrimination of auditory clicks. *Psychopharmacologia*, 3:153-165, 1962.
- MH-2728 (R01) MAKI, AUGUST H., and FORREST, IRENE S.: Electron spin resonance studies of free radicals. Harvard University, Cambridge, Mass. (1958-60)
- FORREST, IRENE S., WECHSLER, MAGDALENA B., and SPERCO, JOSEPH E.: A comprehensive method for the determination of urinary chlorpromazine and its oxidative metabolites. *American Journal of Psychiatry*, 120:44-48, 1963. (Also acknowledges MH-1841).
- GESKE, DAVID H., and MAKI, AUGUST E.: Electrochemical generation of free radicals and their study by electron spin resonance spectroscopy; the nitrobenzene anion radical. *Journal of the American Chemical Society*, 82:2671-2676, 1960.
- MAKI, AUGUST H., and GESKE, DAVID H.: Detection of electrolytically generated transient free radicals by electron spin resonance. *Journal of Chemical Physics*, 30:1356-1357, 1959.
- MAKI, AUGUST H., and GESKE, DAVID H.: Electron spin resonance of electrochemically generated free radicals. Isomeric dinitrobenzene mononegative ions. *Journal of Chemical Physics*, 33:825-832, 1960.
- MAKI, AUGUST H., and GESKE, DAVID H.: Electron spin resonance and polarographic investigation of substituted nitrobenzene negative ions. *Journal of the American Chemical Society*, 83:1852-1860, 1961.
- MEICHIOR, M. T., and MAKI, A. H.: Electron spin resonance study of p-phenylene-diamine positive ion. *Journal of Chemical Physics*, 34:471-476, 1961.
- BAAR, H. S., and GRUEMER, H.: Enzyme inhibitions by phenylalanine and its derivatives. (Abstract) *Excerpta Medica International Congress Series*, 43:62, 1961.
- MH-2729 (R01) GRUEMER, HANNIS-DIETER, BOWMAN, PETER W., and FRIEDEN, EDWARD H.: Metabolic defects in accumulation diseases. Boston Dispensary, Boston, Mass. (1958-64)
- BAAR, H. S., GRUEMER, H. D., BEVERAGE, B., GORDON, M., and LEE, S. Q.: Enzyme inhibitions by phenylalanine and its derivatives. In: Stur, O., ed. *Proceedings of the 2nd International Medical Conference on Mental Retardation*, Vienna, 1961. Basel, S. Karger, 1963, p. 62-69.
- GRUEMER, H. D.: Tolerance tests with p-hydroxyphenylpyruvic acid in phenylketonuric patients. In:

- Bowman, P. W., and Mautner, H. V., eds. *Mental retardation. 1st International Conference on Mental Retardation*, Portland, 1959. New York, Grune & Stratton, 1960, p. 313-318.
- GRUEMER, H. D.: Synopsis of some current studies in phenylketonuria. *Journal of the Maine Medical Association*, 53:8-16, 1962.
- GRUEMER, H. D., KOBLET, H., and WOODARD, C.: Phenylalanine turnover in phenylketonuria. (Abstract) *Federation Proceedings*, 19(1):193, 1960.
- GRUEMER, H. D., KOBLET, H., and WOODARD, C.: Phenylalanine metabolism in the phenylpyruvic condition. I. Distribution, pool size, and turnover rate in human phenylketonuria. *Journal of Clinical Investigation*, 40:1758-1765, 1961. (Also acknowledges MH-3961).
- GRUEMER, H. D., KOBLET, H., and WOODWARD, C.: Phenylalanine metabolism in the phenylpyruvic condition. II. An attempt to calculate the daily incorporation of phenylalanine into proteins. *Journal of Clinical Investigation*, 41:61-66, 1962. (Also acknowledges MH-3961).
- GRUEMER, H. D., and LEE, S. Q.: Inhibition of phosphatases of brain and liver homogenates by phenylalanine and its derivatives. (Abstracts of communications). In: 5th International Congress of Biochemistry, Moscow, 1961, p. 346.
- MH-2730 (R01) WAISMAN, HARRY A.: Amino acids in neurologic and mental deficiency. University of Wisconsin, Madison, Wisc. (1958-61)
- BERMAN, PHYLLIS W., GRAHAM, FRANCES K., EICHMAN, PETER L., and WAISMAN, HARRY A.: Psychologic and neurologic status of diet-treated phenylketonuric children and their siblings. *Pediatrics*, 28(6):924-934, 1961. (Also acknowledges MH-3699).
- CADELL, T. E., HARLOW, H. F., and WAISMAN, H. A.: EEG changes in experimental phenylketonuria. *Electroencephalography and Clinical Neurophysiology*, 14:540-543, 1962. (Also acknowledges MH-4528 and MH-5048).
- FREEDLAND, R. A., KRAKOWSKI, M. C., and WAISMAN, HARRY A.: Effect of age, sex, and nutrition on liver phenylalanine hydroxylase activity in rats. *American Journal of Physiology*, 202(1):145-148, 1962.
- FREEDLAND, R. A., KRAKOWSKI, M. C., and WAISMAN, HARRY A.: Influence of amino acids on rat liver phenylalanine hydroxylase activity. *American Journal of Physiology*, 206(2):341-344, 1964.
- FREEDLAND, R. A., WADZINSKI, I. M., and WAISMAN, HARRY A.: The enzymatic hydroxylation of tryptophan. *Biochemical and Biophysical Research Communications*, 5:94-98, 1961.
- GERRITSEN, THEO, LIPTON, SAMUEL H., STRONG, F. M., and WAISMAN, HARRY A.: On the isolation and identification of homocitrulline from urine. *Biochemical and Biophysical Research Communications*, 4:379-383, 1961.
- GERRITSEN, THEO, WAISMAN, HARRY A., LIPTON, SAMUEL H., and STRONG, F. M.: Natural occurrence of homocitrulline: I. Excretion in the urine. *Archives of Biochemistry and Biophysics*, 97(1):34-36, 1962. (Also acknowledges MH-5048).
- WAISMAN, HARRY A.: Role of phenylalanine excess in experimental phenylketonuria. In: Korey, S. R., Pope, A., and Robins, E., eds. *Ultrastructure and metabolism of the nervous system*. Vol. 40. Research Publications, Association for Research in Nervous and Mental Disease. Baltimore, Md., Williams & Wilkins, 1962.
- WAISMAN, HARRY A., WANG, HWA L., PALMER, GAIL, and HARLOW, HARRY F.: Phenylketonuria in infant monkeys. *Nature*, 188(4756):1124-1125, 1960. (Also acknowledges MH-722).
- WAISMAN, HARRY A., WANG, HWA L., PALMER, GAIL, and HARLOW, H. F.: Experimental phenylketonuria in infant monkeys. In: *Proceedings of the London Conference on the Scientific Study of Mental Retardation*, July, 1960. Essex, England, May & Baker, 1962, p. 126-141.
- WANG, HWA L., and WAISMAN, HARRY A.: Experimental phenylketonuria in rats. *Proceedings of the Society for Experimental Biology and Medicine*, 108:332-335, 1961.
- WANG, H. L., HARWALKAR, V. H., and WAISMAN, H. A.: Effect of dietary phenylalanine and tryptophan on brain serotonin. *Archives of Biochemistry and Biophysics*, 97(1):181-184, 1962. (Also acknowledges MH-3699 and MH-5048).
- WANG, HWA L., MORTON, N. E., and WAISMAN, HARRY A.: Increased reliability for the determination of the carrier state in phenylketonuria. *American Journal of Human Genetics*, 13(2):255-261, 1961. (Also acknowledges MH-3699).
- MH-2731 (R01) FISCHER, ROLAND, and MCCLUER, ROBERT H.: Metabolic pattern and its relation to schizophrenia. Columbus Psychiatric Institute and Hospital, Columbus, Ohio. (1959-60)
- FISCHER, R., and GRIFFIN, F.: On factors involved in the mechanism of "taste blindness." *Experientia*, 15:447-451, 1959.
- FISCHER, R., and GRIFFIN, F.: On factors involved in the mechanism of "taste blindness." *Journal of Heredity*, 51:182-183, 1960.
- FISCHER, R., and GRIFFIN, F.: Quinine dimorphism among non-tasters of 6-n-propylthiouracil. *Experientia*, 17:36-42, 1961.
- FISCHER, R., and GRIFFIN, F.: Taste-blindness and variations in taste threshold in relation to thyroid metabolism. *Journal of Neuropsychiatry*, 3:98-



- 104, 1961. Also in: Wortis, J., ed. *Recent advances in biological psychiatry*. New York, Grune & Stratton, 1961.
- FISCHER, R., GRIFFIN, F., ENGLAND, S. J. M., and GARN, S.: Taste thresholds and food dislikes. *Nature*, 191(4795):1328, 1961.
- FISCHER, R., GRIFFIN, F., ENGLAND, S. J. M., and PASAMANICK, B.: Biochemical genetic factors of taste polymorphism and their relation to salivary thyroid metabolism in health and mental retardation. *Medicina Experimentalis*, 4:356-366, 1961. (Also acknowledges MH-4694).
- FISCHER, R., GRIFFIN, F., and KAPLAN, A. R.: Taste thresholds, cigarette smoking, and food dislikes. *Medicina Experimentalis*, 9:151-168, 1963. (Also acknowledges MH-4694).
- GRIFFIN, F., and FISCHER, R.: Differential reactivity of saliva from "tasters" and "non-tasters" of 6-n-propylthiouracil. *Nature*, 187:417-419, 1960.
- MH-2733 (R01) BADAL, DANIEL W., and SPILMAN, EDRA L.: Isolation of compounds in brain after electroshock. Western Reserve University, Cleveland, Ohio. (1959-60)
- BADAL, DANIEL W., and SPILMAN, EDRA L.: Brain extracts of electrically convulsed animals. *Archives of General Psychiatry*, 4:98-104, 1961.
- MH-2734 (R03) NICHOLS, ROBERT C.: Studies of psychological masculinity-femininity. Purdue University, Lafayette, Ind. (1959-60)
- NICHOLS, R. C.: Subtle, obvious and stereotype measures of masculinity-femininity. *Educational and Psychological Measurement*, 23:449-461, 1962.
- MH-2735 (R01) WEBB, WARREN W.: Eye movement in schizophrenia. Vanderbilt University, Nashville, Tenn. (1959-61)
- WEBB, W. W., MATHENY, A., and LARSON G.: Eye movements as a paradigm of approach and avoidance behavior. *Perceptual and Motor Skills*, 16:341-347, 1963. (Also acknowledges MH-1685).
- MH-2738 (R01) JACKSON, DOUGLAS N., and MESSICK, SAMUEL J.: Stylistic determinants in personality assessment. Pennsylvania State University, University Park, Pa. (1959-64)
- JACKSON, DOUGLAS N.: Cognitive energy level, response acquiescence, and authoritarianism. *Journal of Social Psychology*, 49:65-69, 1959.
- JACKSON, DOUGLAS N.: Stylistic response determinants in the California Psychological Inventory. *Educational and Psychological Measurement*, 20:339-346, 1960.
- JACKSON, DOUGLAS N.: Desirability judgments as a method of personality assessment. *Educational and Psychological Measurement*, 24:223-238, 1964.
- JACKSON, DOUGLAS N., and CLAYTON, M.: Equivalence range, acquiescence, and over-generalization. *Educational and Psychological Measurement*, 21:371-382, 1960.
- JACKSON, DOUGLAS N., and LEAGUE, B. J.: Activity and passivity as correlates of field-independence. *Perceptual and Motor Skills*, 12:291-298, 1961.
- JACKSON, DOUGLAS N., and MESSICK, S.: Acquiescence and the factorial interpretation of the MMPI. *Psychological Bulletin*, 58:299-304, 1961. (Also acknowledges MH-2878).
- JACKSON, DOUGLAS N., and MESSICK, S.: Acquiescence and desirability as response determinants on the MMPI. *Educational and Psychological Measurement*, 21:771-790, 1961. (Also acknowledges MH-2878).
- JACKSON, DOUGLAS N., and MESSICK, S.: Desirability scale values and dispersions for MMPI items. *Psychological Reports*, 8:409-414, 1961. (Also acknowledges MH-2878).
- JACKSON, DOUGLAS N., and MESSICK, S.: Response styles on the MMPI: Comparison of clinical and normal samples. *Journal of Abnormal and Social Psychology*, 65:285-299, 1962. (Also acknowledges MH-2878).
- JACKSON, DOUGLAS N., and MESSICK, S.: Response styles and assessment of psychopathology. In: Messick, S., and Ross, J., eds. *Measurement in personality and cognition*. New York, Wiley, 1962, p. 129-155. Also in: Jackson, D. N., and Messick, S., eds. *Problems in human assessment*. New York, McGraw-Hill, 1964. (Also acknowledges MH-2878).
- JACKSON, DOUGLAS N., and MINTON, H.: A forced-choice adjective preference scale for personality assessment. *Psychological Reports*, 12:515-520, 1963.
- JACKSON, DOUGLAS N., and MURRAY, J. E.: Emotional control and color-form resolution. *Research Bulletin*, Stanford University, 1963.
- JACKSON, DOUGLAS N., and PACINE, L.: Response styles and academic achievement. *Educational and Psychological Measurement*, 21:1015-1028, 1961.
- JACKSON, DOUGLAS N., and PAYNE, I. R.: A personality scale for shallow affect. *Psychological Reports*, 13:687-698, 1963.
- JACKSON, DOUGLAS N., and SECHREST, L.: The generality of deviant response tendencies. *Journal of Consulting Psychology*, 26:395-401, 1962. (Also acknowledges MH-2757).

- JACKSON, DOUGLAS N., SLOANE, H., and GORLOW, L.: Cognitive styles in equivalence range. *Perceptual and Motor Skills*, 16(Monograph Suppl. No. 3):389-404, 1963.
- JACKSON, DOUGLAS N., and VICK, O.: Leveling-sharpening as a cognitive style: Appraisal of alternative methods of measurement. *Research Bulletin*, Stanford University, 1963.
- MURRAY, J. E., and JACKSON, D. N.: Impulsivity and color-form abstraction. *Journal of Consulting Psychology*, 28:518-522, 1964. (Also acknowledges MH-4186).
- REITZ, W. E.: Affect and stereoscopic resolution. *Journal of Abnormal and Social Psychology*, 69: 212-215, 1964.
- SECHREST, L., and JACKSON, DOUGLAS N.: Deviant response tendencies: Their measurement and interpretation. *Educational and Psychological Measurement*, 23:33-54, 1963.
- MH-2741 (R01) BLACK, ABRAHAM H.: Aversive motivation and learning. McMaster University, Hamilton, Can. (1959- )
- ANNAU, Z., and KAMIN, L. J.: The conditioned emotional response as a function of intensity of the US. *Journal of Comparative and Physiological Psychology*, 54:428-432, 1961.
- BLACK, A. H.: The effects of CS-US interval on avoidance conditioning in the rat. *Canadian Journal of Psychology*, 17:174-182, 1963.
- BLACK, A. H.: Cardiac conditioning in curarized dogs: The relationship between heart rate and skeletal behaviour. In: Prokasy, W., ed. *Symposium on classical conditioning*. New York, Appleton-Century, 1964, p. 20-47.
- BLACK, A. H., and ANNAU, Z.: Time-out responding during avoidance conditioning and extinction in the rat. *Canadian Journal of Psychology*, 17: 165-173, 1963.
- BLACK, A. H., CARLSON, N. J., and SOLOMON, R. L.: Exploratory studies of the conditioning of autonomic responses in curarized dogs. *Psychological Monographs*, 76(29):1-31, 1962. (Whole No. 548).
- BLACK, A. H., and LANG, W. M.: Cardiac conditioning and skeletal responding in curarized dogs. *Psychological Review*, 71(1):80-85, 1964.
- BRIMER, C. J., and KAMIN, L. J.: Fear of the CS in avoidance training and fear from a sense of helplessness. *Canadian Journal of Psychology*, 17: 188-193, 1963.
- BRIMER, C. J., and KAMIN, L. J.: Disinhibition, habituation, sensitization, and the conditioned emotional response. *Journal of Comparative and Physiological Psychology*, 56:508-515, 1963.
- DE TOLEDO, LEYLA, and BLACK, A. H.: Heart rate: Changes during conditioned suppression in rats. *Science*, 152(3727):1404-1406, 1966.
- KAMIN, L. J.: Apparent adaptation effects in the acquisition of a conditioned emotional response. *Canadian Journal of Psychology*, 15:176-188, 1961.
- KAMIN, L. J.: Trace conditioning of the conditioned emotional response. *Journal of Comparative and Physiological Psychology*, 54:149-153, 1961.
- KAMIN, L. J.: Backward conditioning and the conditioned emotional response. *Journal of Comparative and Physiological Psychology*, 56:517-519, 1963.
- KAMIN, L. J.: Retention of an incompletely learned avoidance response: Some further analyses. *Journal of Comparative and Physiological Psychology*, 56:713-718, 1963.
- KAMIN, LEON J.: Temporal and intensity characteristics of the conditioned stimulus. In: Prokasy, W., ed. *Symposium on classical conditioning*. New York, Appleton-Century, 1964, p. 118-147.
- KAMIN, L. J., and BRIMER, C. J.: The effects of intensity of conditioned and unconditioned stimuli on a conditioned emotional response. *Canadian Journal of Psychology*, 17:194-200, 1963.
- KAMIN, L. J., and BRIMER, C. J.: Conditioned suppression as a monitor of fear of the CS in the course of avoidance training. *Journal of Comparative and Physiological Psychology*, 56:497-501, 1963.
- KAMIN, L. J., and SCHAUB, R. E.: Effects of conditioned stimulus intensity on the conditioned emotional response. *Journal of Comparative and Physiological Psychology*, 56:502-507, 1963.
- TOLEDO, LEYLA DE, and BLACK, A. H.: A technique for recording heart-rate in moving rats. *Journal of the Experimental Analysis of Behavior*, 8(3): 181-182, 1965.
- MH-2743 (R01) ROESSLER, ROBERT, GREENFIELD, NORMAN S., and ROGERS, CARL R.: Psychosomatic relationships in adaptation. University of Wisconsin, Madison, Wisc. (1958-62)
- ALEXANDER, A. A., ROESSLER, ROBERT, and GREENFIELD, NORMAN S.: Ego strength and physiological responsivity: III. The relationship of the Barron Ego Strength Scale to spontaneous periodic activity in the skin resistance, finger blood volume, heart rate, and muscle potential. *Archives of General Psychiatry*, 9:142-145, 1963.
- ALEXANDER, A. A., ROESSLER, ROBERT, and GREENFIELD, NORMAN S.: Periodic nature of spontaneous peripheral nervous system activity. *Nature*, 197(4873):1169-1170, 1963.

- GREENFIELD, NORMAN S., ALEXANDER, A. A., and ROESSLER, ROBERT: Ego strength and physiological responsivity: II. The relationship of the Barron Ego Strength Scale to the temporal and recovery characteristics of skin resistance, finger blood volume, heart rate, and muscle potential responses to sound. *Archives of General Psychiatry*, 9:129-141, 1963.
- GREENFIELD, NORMAN S., KATZ, DEBORAH, ALEXANDER, A. A., and ROESSLER, ROBERT: The relationship between physiological and psychological responsivity: Depression and galvanic skin response. *Journal of Nervous and Mental Disease*, 136(6):535-539, 1963.
- ROESSLER, ROBERT, ALEXANDER, A. A., and GREENFIELD, NORMAN S.: Ego strength and physiological responsivity. I. The relationship of the Barron ES Scale to skin resistance, finger blood volume, heart rate, and muscle potential responses to sound. *Archives of General Psychiatry*, 8:142-154, 1963.
- ROESSLER, ROBERT, and GREENFIELD, NORMAN S.: Incidence of somatic disease in psychiatric patients. *Psychosomatic Medicine*, 23(5):413-419, 1961.
- ROESSLER, ROBERT, and GREENFIELD, NORMAN S.: Autonomic measures as prognostic indicators among hospitalized psychiatric patients. *Psychiatric Research Reports*, 15:42-50, 1962.
- THURRELL, RICHARD J., GREENFIELD, NORMAN S., and ROESSLER, ROBERT: The prediction of physiological responsivity from psychological responsivity. *Journal of Psychosomatic Research*, 5(3):211-214, 1961.
- MH-2744 (R01) SCHULMAN, SIDNEY: Behavioral effects of thalamic lesions. University of Chicago, Chicago, Ill. (1958-64)
- SCHULMAN, SIDNEY: Impaired delayed response from thalamic lesions. Studies in monkeys. *Archives of Neurology*, 11:477-499, 1964. (Also acknowledges MH-2130).
- MH-2745 (R01) WINDER, C. LELAND, and WIGGINS, JERRY S.: Social adjustment in preadolescent boys. Stanford University, Stanford, Calif. (1958-61)
- WIGGINS, J. S., and WINDER, C. L.: The Peer Nomination Inventory: An empirically derived sociometric measure of adjustment in preadolescent boys. *Psychological Reports*, 9(Monograph Supplement 5):643-677, 1961.
- WINDER, C. L., and RAU, LUCY: Parental attitudes associated with social deviance in preadolescent boys. *Journal of Abnormal and Social Psychology*, 64:418-424, 1962.
- WINDER, C. L., and WIGGINS, J. S.: Social reputation and social behavior: A further validation of the Peer Nomination Inventory. *Journal of Abnormal and Social Psychology*, 68:681-684, 1964.
- MH-2754 (R01) BUSNEL, RENE-GUY: Biochemical brain changes induced by ataractic drugs. Institut National De La Recherche Agronomique, Paris, France. (1959-61)
- BUSNEL, R. G., and LEHMANN, A.: Nouvelles données pharmacodynamiques relatives à la crise audiogène de la souris. *Journal de Physiologie*, 52:37-38, 1960.
- BUSNEL, R. G., and LEHMANN, A.: Action de convulsivants chimiques sur des souris de lignées sensible et résistante à la crise audiogène. *Journal de Physiologie*, 53:285-286, 1961.
- LEHMANN, A.: Étude de variations due comportement réactionnel des Souris sensibles à la crise audiogène. *Comptes Rendus des Séances de la Société de Biologie*, 154(1):57-61, 1960.
- LEHMANN, ALICE, and BUSNEL, RAUL-GUY: Étude sur la crise audiogène. *Archives des Sciences Physiologiques*, 13(2):193-225, 1959.
- LEHMANN, A., and BUSNEL, R. G.: A new test for MAOI detecting effects. (Abstract) *Biochemical Pharmacology*, 8(1):8, 1961.
- LEHMANN, A., and BUSNEL, R. G.: A new test for detecting MAO-inhibitor effects. *International Journal of Neuropharmacology*, 1(1-3):61-70, 1962.
- LEHMANN, A., and BUSNEL, R. G.: Le métabolisme de la sérotonine cérébrale dans ses rapports avec la crise audiogène de la Souris et ses variations sous l'influence de divers composés psychotropes. *Psychophysiologie, Neuropharmacologie et Biochimie de la Crise Audiogène*, 112:453-471, 1963.
- LEHMANN, A., and FLESS, A. D.: Étude de l'action de drogues psychotropes sur les processus d'excitation et d'inhibition du S. N. C. par le test de la crise audiogène du rat. *Psychopharmacologia*, 3:331-343, 1962.
- NIAUSSAT, M. M., and LAGET, P.: Étude électroencéphalographique de la Crise audiogène de la Souris. In: Coll. Intern. du C. N. R. S. No. 112, 6-9 Novembre 1961. *Psychophysiologie, Neuropharmacologie et Biochimie de la Crise Audiogène*, 1963, p. 181-197.
- NIAUSSAT, M. M.: Étude électrocardiographique de la crise audiogène chez la Souris. In: Coll. Intern. du C. N. R. S. No. 112, 6-9 Novembre 1961. *Psychophysiologie, Neuropharmacologie et Biochimie de la Crise Audiogène*, 1963, p. 199-215.
- NIAUSSAT, M. M.: Aspects électroencéphalographiques de deux crises convulsives provoquées par les hydrazines chez la Souris. *Journal de Physiologie*, 55:307-308, 1963.
- MH-2755 (R01) STERN, JOHN A., SCHMIDT, HANS, and ULBT, GEORGE A.: Differential learning, diagnosis, and drug research. Washington University, St. Louis, Mo. (1959- )

- FRHR, F. S., and STERN, J. A.: Heart rate conditioning in the rat. *Journal of Psychosomatic Research*, 8(4):441-453, 1965.
- FJELD, S. P.: Motor response and muscle action potential in the measurement of sensory threshold. *Psychophysiology*, 1(3):277-281, 1965.
- FJELD, STANTON P., STERN, JOHN A., and ZIMNY, GEORGE H.: Effects of CS-UCS interval upon conditioning and extinction of GSR. *Journal of Psychosomatic Research*, 8:45-48, 1964.
- HAHN, W. W., STERN, J. A., and McDONALD, D. G.: Effects of water deprivation and barpressing activity on heart rate of the male albino rat. *Journal of Comparative and Physiological Psychology*, 55:786-790, 1962.
- JOHNSON, L. C., ULETT, G. A., SINES, J. O., and STERN, J. A.: Cortical activity and cognitive functioning. *Electroencephalography and Clinical Neurophysiology*, 12:861-874, 1960.
- McDONALD, D. G., STERN, J. A., and HAHN, W. W.: Behavioral, dietary, and autonomic effects of chlordiazepoxide in the rat. *Diseases of the Nervous System*, 24:95-103, 1963.
- McDONALD, D. G., STERN, J. A., and HAHN, W. W.: Classical heart rate conditioning in the rat. *Journal of Psychosomatic Research*, 7:97-106, 1963.
- SCHMIDT, H., JR.: Variations in water ingestion: The response to barbiturates. In: Himwich, William A., and Schade, J. P., eds. *Progress in brain research*. Vol. 16. Horizons in neuropsychopharmacology. Amsterdam, Elsevier, 1965, p. 263-284.
- SCHMIDT, H., JR., and DRY, L.: Dose and time as variables in barbiturate action upon water ingestion. *American Journal of Physiology*, 204:817-820, 1963.
- SCHMIDT, M., JR., and DRY, L.: Comparison of phenobarbital and pentobarbital actions upon water ingestion. *Journal of Comparative and Physiological Psychology*, 56:179-182, 1963.
- SINES, JACOB O., and KEEFE, DANIEL J.: The relationship between pharmacologically modified operant response rate and heart rate. *Journal of Genetic Psychology*, 100:267-274, 1962.
- STERN, J. A., DURHAM, J., and LOEFFEL, R.: Trials and tribulations in automating the output of a frequency analyzer. *American Journal of Electroencephalography Techniques*, 3:83-89, 1963.
- STERN, J. A., and McDONALD, D. G.: Physiological correlates of mental disease. *Annual Review of Psychology*, 16:225-264, 1965.
- STERN, J. A., SILA, B., and WORD, T. J.: Observations on the effect of electroconvulsive therapy and pharmacotherapy on the psychogalvanic response. *Journal of Neuropsychiatry*, 2:149-152, 1961.
- STERN, J. A., SURPHLIS, W., and KOFF, E.: Electrodermal responsiveness as related to psychiatric diagnosis and prognosis. *Psychophysiology*, 2(1): 51-61, 1965. (Also acknowledges MH-4667).
- STERN, JOHN A., and WORD, T. J.: Changes in cardiac response of the albino rat as a function of electroconvulsive seizures. *Journal of Comparative and Physiological Psychology*, 54:389-394, 1961.
- STERN, J. A., and WORD, T. J.: Heart rate changes during avoidance conditioning in the male albino rat. *Journal of Psychosomatic Research*, 6:167-175, 1962.
- MH-2756 (R01) USDIN, EARL, BECKER, ROBERT, and FISH, MELVIN S.: Synthesis of psychopharmacological compounds. New Mexico Highlands University, Las Vegas, N.M. (1959-61)
- USDIN, VERA R., SU, SU-CHEN, and USDIN, EARL: Effects of psychotropic compounds on enzyme systems. I. Inhibition of human plasma and erythrocyte cholinesterases. *Proceedings of the Society for Experimental Biology and Medicine*, 108:457-460, 1961.
- MH-2757 (R03) SECHREST, LEE B.: The deviation hypothesis in personality assessment. Northwestern University, Evanston, Ill. (1958-59)
- JACKSON, DOUGLAS N., and SECHREST, L.: The generality of deviant response tendencies. *Journal of Consulting Psychology*, 26:395-401, 1962. (Also acknowledges MH-2738).
- SECHREST, L., and JACKSON, D. N.: Social intelligence and accuracy of interpersonal predictions. *Journal of Personality*, 29:167-182, 1961.
- SECHREST, L., and JACKSON, D. N.: The generality of deviant response tendencies. *Journal of Consulting Psychology*, 26:395-401, 1962.
- MH-2769 (R01) ALBEE, GEORGE W., and LONG, ERNEST S.: Career choice determinants in psychiatric nursing. Western Reserve University, Cleveland, Ohio. (1958-62)
- LONG, ERNEST S.: Career choice in psychiatric nursing and the undergraduate psychiatric nursing experience. Cleveland, Ohio, Health Manpower Research, Western Reserve University, 1962, 129 p. (Processed).
- MH-2775 (R01) GRANICK, RUTH, and ZUBIN, JOSEPH: Social isolation and adjustment in home for the aged. New York State Psychiatric Institute, New York, N.Y. (1958-64)
- BENNETT, RUTH: The meaning of institutional life. *Gerontologist*, 3:117-125, 1963.
- BENNETT, RUTH, and NAHEMOW, LUCILLE: The relations between social isolation, socialization and adjustment in residents of a home for aged. In:

- Lawton, M. Powell, & Lawton, Fay G., eds. *Mental impairment in the aged*. Philadelphia, Philadelphia Geriatric Center, 1965, p. 88-105.
- GRANICK, RUTH, and NAHEMOW, LUCILLE: Preadmission isolation as a factor in adjustment to an old age home. In: Hoch, P. H., and Zubin, J., eds. *Psychopathology of aging*. New York, Grune & Stratton, 1961, p. 285-302. (Also acknowledges MH-586, and MH-1541).
- TEC, NECHAMA, and GRANICK, RUTH: Social isolation and difficulties in social interaction in residents of a home for aged. *Social Problems*, 7: 226-232, Winter 1959-60. (Also acknowledges MH-1440).
- WALTON, H., BENNETT, R. G., NAHEMOW, L.: Psychiatric illness and adjustment in a home for aged. *Annals of the New York Academy of Sciences*, 105:897-918, 1964.
- WALTON, H. J., BENNETT, R., and NAHEMOW, L. D.: The significance of psychiatric symptomatology for social adaptation. *British Journal of Psychiatry*, 110:544-548, 1964. (Also acknowledges MH-1541).
- ZUBIN, J.: Discussion. In: Hoch, P. H., and Zubin, J., eds. *Psychopathology of aging*. New York, Grune & Stratton, 1961, p. 223-226.
- MH-2776 (R01) STERRITT, GRAHAM M., and SAWREY, WILLIAM L.: Chronic electric shock leading to obesity. University of Colorado Medical Center, Denver, Colo. (1958-61)
- MARKS, ELDON R., and STERRITT, GRAHAM M.: Stimulator-operated grid scrambler for reliable delivery of shock to animals. *Journal of Experimental Analysis Behavior*, 7:261-262, 1964.
- STERRITT, G. M.: A device to aid in the observation of behavior as a function of time intervals. *Perceptual and Motor Skills*, 18:116, 1964.
- STERRITT, GRAHAM M.: Inhibition and facilitation of eating by electric shock: III. A further study of the role of strain and of shock level. *Psychonomic Science*, 2(11):319-320, 1965.
- STERRITT, G. M., and SHERBERG, K.: Inhibition and facilitation of eating by electric shock. II. Shock level, shock schedule and strain of rats. *Journal of Psychosomatic Research*, 7:215-223, 1963.
- MH-2778 (R01) LINDSLEY, OGDEN R.: Screening potential stimulants on inactive psychotics. Harvard University, Cambridge, Mass. (1958-62)
- STARRITT, BEATRICE H.: Reduction in rate of multiple tics by free operant conditioning methods. *Journal of Nervous and Mental Diseases*, 135: 187-195, 1962.
- LINDSLEY, O. R.: Operant conditioning methods in diagnosis. In: Nodine, J. H., and Moyer, J. H., eds. *Psychosomatic medicine: The First Habnemann Symposium*. Philadelphia, Lea & Febiger, 1962, p. 41-54. (Also acknowledges MH-5054).
- LINDSLEY, O. R.: Operant conditioning techniques in the measurement of psychopharmacologic response. In: Nodine, J. H., and Moyer, J. H., eds. *Psychosomatic medicine: The First Habnemann Symposium*. Philadelphia, Lea & Febiger, 1962, p. 373-383. (Also acknowledges MH-5054).
- LINDSLEY, O. R.: Free-operant conditioning and psychotherapy. In: Masserman, J. H., ed. *Current psychiatric therapies*. Vol. 3. New York, Grune & Stratton, 1963, p. 47-56. (Also acknowledges MH-977).
- LINDSLEY, O. R.: Direct measurement and functional definition of vocal hallucinatory symptoms. *Journal of Nervous and Mental Disease*, 136:293-297, 1963. (Also acknowledges MH-977 and MH-5054).
- MH-2779 (R03) SCHLOSBERG, HAROLD: Judgment of facial expressions as a projective test. Brown University, Providence, R.I. (1958-60)
- LEVY, N., and SCHLOSBERG, H.: Woodworth scale values of the Lightfoot pictures of facial expression. *Journal of Experimental Psychology*, 60(2): 121-125, 1960.
- SCHLOSBERG, H.: The dimensions of facial expression. (Abstract) *Acta Psychologica*, 19:491-492, 1961.
- MH-2783 (R01) ZUBIN, JOSEPH, HAKBREHM, GAD, and SUTTON, SAMUEL: The effect of chlorpromazine on the pupillary reflex. Columbia University, New York, N.Y. (1958-60) (Continued as MH-4759).
- ZUBIN, J.: Report of the committee on patient selection and controls. In: Psychopharmacology: Problems in evaluation. Washington, D.C., National Academy of Sciences, National Research Council, 1959, p. 620-625.
- MH-2784 (R01) WITTON, CECIL L., and SMITH, JACKSON A.: Coordinated multiple psychiatric drug screening units. University of Nebraska, Omaha, Nebr. (1958-63)
- AFFLECK, D. C., TREPTOW, K. A., and HERRICK, H. D.: The effects of isoxsuprine hydrochloride (vasodilan) on chronic cerebral arteriosclerosis. *Journal of Nervous and Mental Disease*, 132:335-338, 1961.
- CARVER, M. J., FREEMAN, J. G., and SMITH, J. A.: Evaluation of a cholesterol-synthesis inhibitor (triparanol). *Annals of Internal Medicine*, 53: 462-467, 1960.
- GOULDMAN, C., LUNDE, P., and DAVIS, J.: Clinical trial of hydroxyphenamate in alcoholic patients.

- Diseases of the Nervous System*, Supply. No. 22: 44-46, 1961.
- GOULDMAN, C., and RUTHERFORD A.: Effects of a drug on the body odor of the chronically mentally ill. *American Journal of Psychiatry*, 117:354-355, 1960.
- KIM, K.: Responses of treatment-refractory chronic schizophrenics to chlorpromazine with concurrent adrenocortical steroid. *American Journal of Psychiatry*, 116:1023-1024, 1960.
- SMITH, J. A.: A trial of nialamide in chronically ill mental patients. *Diseases of the Nervous System*, (Suppl. No. 20):1-3, 1959.
- SMITH, J. A., CHRISTIAN, D., MANSFIELD E., and FIGAREDO, A.: A graphic comparison of five phenothiazines. *American Journal of Psychiatry*, 116:392-399, 1959.
- SMITH, J. A., GOULDMAN, C., and GYSIN, W. M.: A comparison of results of controlled drug evaluations in two state hospitals. *American Journal of Psychiatry*, 117:788-790, 1961.
- SMITH, J. A., MANSFIELD, E., and HERRICK, H.: The treatment of chronic alcoholics with citrated calcium carbimide (temposil). *American Journal of Psychiatry*, 115:822-824, 1959.
- SMITH, J. A., and WITTON, C. L.: Hazards of drug evaluation: Trials of 84 non-approved drugs. *American Journal of Psychiatry*, 117(2):118-119, 1960.
- TREPTOW, K. R., AFFLECK, D. C., ROEHL, C. A., and SOELLING, W. M.: Nylidrin hydrochloride in senile arteriosclerosis. *Archives of Neurology*, 9:142-146, 1963.
- MH-2785 (R01) ZUBIN, JOSEPH, and SALZINGER, KURT: Immediate effect of chlorpromazine on verbal behavior. Columbia University, New York, N.Y. (1958-60) (Continued as MH-4758).
- PORTNOY, STEPHANIE, and SALZINGER, K.: The conditionability of different verbal response classes: Positive, negative and non-affect statements. *Journal of General Psychology*, 70:311-323, 1964. (Also acknowledges MH-1541).
- SALZINGER, K., PORTNOY, STEPHANIE, and FELDMAN, R. S.: The effect of order of approximation to the statistical structure of English on the emission of verbal responses. *Journal of Experimental Psychology*, 64:52-57, 1962. (Also acknowledges MH-4758).
- SALZINGER, KURT, PORTNOY, STEPHANIE, and FELDMAN, RICHARD S.: Experimental manipulation of continuous speech in schizophrenic patients. *Journal of Abnormal and Social Psychology*, 68(5): 508-516, 1964. (Also acknowledges MH-4842 and MH-1541).
- SALZINGER, K., and WALLER, M. D.: The operant control of vocalization in the dog. *Journal of the Experimental Analysis of Behavior*, 5:383-389, 1962. (Also acknowledges MH-4758).
- ZUBIN, J.: Role of prognostic indicators in the evaluation of therapy. In: *Psychopharmacology: Problems in evaluation*. Washington, D.C. National Academy of Sciences, National Research Council, 1959, p. 343-354.
- MH-2786 (R01) WELKER, WALLACE I.: Neural mechanisms of sequential behavior. University of Wisconsin, Madison, Wisc. (1958-64)
- CAMPOS, G. B., and WELKER, W. I.: Some physiological and anatomical comparisons between brains of Capybara (*Hydrochoerus*) and guinea pig (*Cavia*). (Abstract) *Physiologist*, 3:35, 1960.
- GOLDBERG, JAY M., and GREENWOOD, DONALD D.: Response of neurons of the dorsal and posteroventral cochlear nuclei of the cat to acoustic stimuli of long duration. *Journal of Neurophysiology*, 29(1):72-93, 1966.
- JOHNSON, JOHN I.: Somatopic organization in raccoon cuneate and gracile nuclei. *American Association of Anatomists*, 145:246, 1963.
- JOHNSON, J. I., GOY, R. W., and MICHELIS, K. W.: Physiological mechanisms and behavior patterns. In: Hafez, S. E., ed. *The behavior of domestic animals*. London, Bailliere, Tindall & Cox, 1962, p. 139-179.
- PUBOLS, B. H., WELKER, W. I., JOHNSON, J. I.: Somatic sensory representation of forelimb in dorsal root fibers of raccoon, coatiundi, and cat. *Journal of Neurophysiology*, 28(2):312-341, 1965.
- THOMPSON, RICHARD, and WELKER, W. I.: Role of auditory cortex in reflex head orientation by cats to auditory stimuli. *Journal of Comparative and Physiological Psychology*, 56:996-1002, 1963.
- WELKER, W. I.: Comparative study of physiology and morphology of somatic cerebral cortex of procyonidae. (Abstract) *Physiologist*, 2(3):121-122, 1959.
- WELKER, W. I.: Genesis of exploratory and play behavior in infant raccoons. *Psychological Reports*, 5:764, 1959.
- WELKER, W. I.: An analysis of exploratory and play behavior in animals. In: Fiske, D., and Maddi, S., eds. *Functions of varied experience*. Homewood, Illinois, Dorsey Press, 1961.
- WELKER, W. I., and CAMPOS, G. B.: Physiological significance of sulci in somatic sensory cerebral cortex in mammals of the family Procyonidae. *Journal of Comparative Neurology*, 120:19-36, 1963.
- WELKER, W. I., HIND, J. E., CAMPOS, G. B., and GILMORE, M. A.: Chronic implantation of multi-

- ple macroelectrodes. A technique for mapping auditory neocortex in unanesthetized cats. *Electroencephalography and Clinical Neurophysiology*, 19 (3):309-312, 1965.
- WELKER, W. I., and JOHNSON, J. I.: Correlation between nuclear morphology and somatotopic organization in vitro-basal complex of the raccoon's thalamus. *Journal of Anatomy*, 99(4):761-790, 1965.
- WELKER, W. I., and KING, W. A.: Effects of stimulus novelty on gnawing and eating by rats. *Journal of Comparative and Physiological Psychology*, 55:838-842, 1963.
- MH-2790 (R01) GALDSTON, IAGO: A history of medical education. American College of Neuropsychopharmacology, New York, N.Y. (1959-61)
- GALDSTON, IAGO: A philosophy for medicine. *Cincinnati Journal of Medicine*, 40:333-339, 1959.
- GALDSTON, IAGO: The natural history of specialism in medicine. *Journal of the American Medical Association*, 170(3):294-297, 1959.
- GALDSTON, IAGO: Psychoanalysis, 1959. *Bulletin of the New York Academy of Medicine*, 36(10):702-713, 1960.
- GALDSTON, IAGO: Reflections on historical epochs in medical education. *Bulletin of the History of Medicine*, 35(1):5-60, 1961.
- GALDSTON, IAGO: Trade routes and medicine. *Bulletin of the New York Academy of Medicine*, 37 (5):342-358, 1961.
- GALDSTON, IAGO: The crisis in health education. *Journal of the Maine Medical Association*, October, 1961.
- GALDSTON, IAGO: Doctor and patient in medical history. *Journal of Medical Education*, 37:222-232, 1962.
- GALDSTON, IAGO: The challenge of professional education for the health professions. In: National Health Forum Council. Washington, D.C., 1963, p. 32-40.
- GALDSTON, IAGO: Summary of the New England Health Institute. This Week in Public Health, Massachusetts Department of Public Health, 12 (11):311-319, 1963.
- MH-2795 (R01) ROSTON, SIDNEY: Effects of coenzyme A upon catecholamine oxidation. University of Louisville, Louisville, Ky. (1960-61)
- ROSTON, S.: The effect of coenzyme A upon the oxidation of B-3, 4-dihydroxyphenyl-L-alanine. *Journal of Investigative Dermatology*, 37:277-278, 1961.
- ROSTON, S.: Interaction of hydrocortisone, the sulphydryl group, and the catechol amines. *Nature*, 191:490-491, 1961.
- ROSTON, S.: Ascorbic acid, oxygen, and the disappearance of adrenochrome and noradrenochrome. *Nature*, 194:1079-1080, 1962.
- ROSTON, S.: Enzymatic behavior of the product of coenzyme A-norepinephrine reaction. *Nature*, 197:75-76, 1963.
- MH-2798 (R03) BOLLES, ROBERT C.: A study of decision-making. University of Pennsylvania, Philadelphia, Pa. (1958-59)
- BOLLES, ROBERT C.: Is the "click" a token reward. *Psychological Record*, 11:163-168, 1961.
- BOLLES, ROBERT C.: Percentage timing reinforcement schedule. *Psychological Record*, 11:349-354, 1961.
- MH-2799 (R01) CANNON, JOSEPH G.: Synthesis of benzoic acid derivatives. University of Wisconsin, Madison, Wisc. (1959-62)
- CANNON, J. G.: Esters of benzoic acids and congeners having potential psychotomimetic activity. *Journal of Organic Chemistry*, 25:959-962, 1960.
- KADIN, S. B., and CANNON, J. G.: Esters of N-methyl-3-hydroxypiperidine having psychotomimetic activity. II. *Journal of Organic Chemistry*, 27:240-245, 1962.
- MH-2802 (R01) PRIGOT, AARON: Amino acid therapy in delirium tremens and alcoholism. Harlem Hospital, New York, N.Y. (1959-61)
- PRIGOT, A. P., CORBIN, E. E., MAYNARD, A. DE L., RODEN, T. P., and HJELT-HARVEY, I.: The treatment of delirium tremens with amino acids. Clinical and laboratory results with special reference to chromatographic determination of amino acids. *Quarterly Journal of Studies on Alcohol*, 23:390-410, 1962.
- MH-2805 (R03) THOMAS, ALEXANDER: Individual reaction patterns in childhood. New York University, New York, N.Y. (1958-59)
- CHESS, S., THOMAS, A., and BIRCH, H.: Characteristics of the individual child's behavioral responses to the environment. *American Journal of Orthopsychiatry*, 29(4):791-802, 1959.
- THOMAS, A., CHESS, S., BIRCH, H., and HERTZIG, M.: A longitudinal study of primary reaction patterns in children. *Comprehensive Psychology*, 1:103-112, 1960.
- MH-2810 (R03) POSTMAN, LEO J.: Effects of verbal reward and punishment on retention. University of California, Berkeley, Calif. (1958-59)

- POSTMAN, L.: Spread of effect as a function of time and intralist similarity. *American Journal of Psychology*, 74:493-505, 1961.
- POSTMAN, LEO, and STARK, KAREN: The role of response set in tests of unlearning. *Journal of Verbal Learning and Verbal Behavior*, 4(4):315-322, 1965.
- MH-2811 (R10) JOHN, ERWIN ROY: The role of brain electrolytes in drug action. University of Rochester, Rochester, N.Y. (1959-62)
- CORNING, W. C., and JOHN, E. R.: Effect of ribonuclease on retention of conditioned response in regenerated planarians. *Science*, 134:1363-1365, 1961.
- JOHN, E. R.: Studies of memory. In: Schmitt, F. O., ed. *Macromolecular specificity and biological memory*. Boston, MIT Press, 1962.
- JOHN, E. R.: Some speculations on the psychophysiology of mind. In: Scher, J., ed. *Theories of the mind*. New York, Free Press, 1962, p. 80-121. (Also acknowledges MH-2972).
- SACHS, E., WEINGARTEN, M., and KLEIN, N. W., JR.: Effects of chlordiazepoxide on the acquisition of avoidance learning and its transfer to the normal state and other drug conditions. *Psychopharmacologia* (Berlin), 9(1):17-30, 1966.
- MH-2814 (R01) DENEAU, GERALD A.: Screening CNS drugs. University of Michigan, Ann Arbor, Mich. (1958-62)
- DENEAU, G. A., and SEEVERS, M. H.: Methods for screening centrally-acting drugs in the intact rhesus monkey. *Federation Proceedings*, 19:267, 1960.
- MH-2816 (R03) KORONAKOS, CHRIS: The use of machines for teaching reading skills. Indiana University, Bloomington, Ind. (1958-60)
- KORONAKOS, CHRIS: A preliminary study in programming reading for the mentally retarded learner. *Reading Horizons*, 3:7-19, 1962.
- MH-2818 (R01) SCHRIER, ALLAN M.: Effects of quantitative shifts in the reward. Brown University, Providence, R.I. (1959-63)
- SCHRIER, A. M.: A modified version of the Wisconsin General Test Apparatus. *Journal of Psychology*, 52:193-200, 1961.
- SCHRIER, A. M.: Response latency of monkeys as a function of amount of reward. *Psychological Reports*, 8:283-289, 1961.
- SCHRIER, A. M.: Response latency of monkeys as a function of reward amount and trials within test days. *Psychological Reports*, 10:439-444, 1962.
- SCHRIER, A. M.: Sucrose concentration and response rates of monkeys. *Psychological Reports*, 12:666, 1963.
- SCHRIER, ALLAN M.: Response rates of monkeys (*Macaca mulatta*) under varying conditions of sucrose reinforcement. *Journal of Comparative and Physiological Psychology*, 59(3):378-384, 1965.
- SCHRIER, A. M., STOLLNITZ, F., and GREEN, K. F.: Titration of spatial S-R separation in discrimination by monkeys (*Macaca mulatta*). *Journal of Comparative and Physiological Psychology*, 56:848-851, 1963.
- STOLLNITZ, FRED: Spatial variables, observing responses, and discrimination learning sets. *Psychological Review*, 72(4):247-261, 1965.
- STOLLNITZ, F., and SCHRIER, A. M.: Discrimination learning by monkeys with spatial separation of cue and response. *Journal of Comparative and Physiological Psychology*, 55:876-881, 1962.
- MH-2820 (R03) LETTVIN, JEROME Y., and O'CONNELL, DONALD NEIL: Low contact-potential electrodes for skin recording. Massachusetts Mental Health Center, Boston, Mass. (1958-59)
- O'CONNELL, D. N., and TURSKEY, BERNARD: Silver-silver chloride sponge electrodes for skin potential recording. *American Journal of Psychology*, 73:302-304, 1960.
- O'CONNELL, D. N., TURSKEY, B., and ORNE, M. T.: Electrodes for the recording of skin potential: An evaluation. *Archives of General Psychiatry*, 3:252-258, 1960.
- MH-2821 (R03) STRYKER, SHELDON, and PSATHAS, GEORGE: An experimental study of power coalitions in triads. Indiana University, Bloomington, Ind. (1958-60)
- STRYKER, SHELDON, and PSATHAS, GEORGE: Research on coalitions in the triad: Findings, problems and strategy. *Sociometry*, 23:217-230, 1960.
- MH-2823 (R03) ULETT, GEORGE A., and HEUSLER, ANTON F.: A noise index of ward behavior for drug evaluation. St. Louis State Hospital, St. Louis, Mo. (1958-59)
- CALLAHAN, J., MORRIS, J., SEIFRIED, S., ULETT, G. A., and HEUSLER, A.: Objective measures in psychopharmacology: Baseline observations. *Missouri Medicine*, 57:714-718, 1960.
- HEUSLER, A., ULETT, G., and BLASQUES, J.: Noise-level index. An objective measurement of the effect of drugs on the psychomotor activity of patients. *Journal of Neuropsychiatry*, 1(1):1-3, 1959.
- HEUSLER, A. F., ULETT, G. A., and CALLAHAN, J. D.: Comparative EEG studies of tranquilizing drugs. *Universitas Medica*, 5:33-47, 1962.



- LETT, G. A.: Comparative evaluation of tranquilizing drugs. In: Abstracts of 13th Annual Scientific Assembly. Kansas City, Mo., American Academy of General Practice, 1961, 341-343.
- LETT, G. A., HEUSLER, A., and CALLAHAN, J.: Objective measures in psychopharmacology (methodology). *Neuro-Psychopharmacology*, 2:401-409, 1961.
- LETT, GEORGE, HEUSLER, A. F., WORD, V., and WORD, T.: Mechanical and electronic techniques in the measurement of psychopharmacologic response. In: Nodine, John H., and Moyer, John H., eds. *The First Habermann Symposium on Psychosomatic Medicine*. Philadelphia, Pa., Lea & Febiger, 1962, p. 384-390. (Also acknowledges MH-3826).
- H-2825 (R03) SUNDBERG, NORMAN D.: A critical review and study of assessment research. University of Oregon, Eugene, Ore. (1958-59)
- SUNDBERG, NORMAN D.: Psychological assessment techniques. In: Spiegel, E. A., ed. *Progress in neurology and psychiatry*. Vol. 14. New York, Grune & Stratton, 1959, p. 557-582.
- SUNDBERG, NORMAN D.: The practice of psychological testing in clinical services in the United States. *American Psychologist*, 16:79-83, 1961.
- H-2826 (R03) ROSENBLITH, JUDY: Perceptual discrimination in children. Brown University, Providence, R.I. (1958-60)
- ROSENBLITH, JUDY F.: Judgments of simple geometric figures by children. *Perceptual and Motor Skills*, 21(3):947-990, 1965.
- H-2833 (R01) PITTINGER, ROBERT E., and HOCKETT, CHARLES F.: Linguistic-psychiatric analysis of interview samples. State University of New York—Upstate Medical Center, Syracuse, N.Y. (1959-62)
- PITTINGER, ROBERT E.: The first five minutes—its significance in mental health. *Journal of Communication*, 13(3):140-145, 1963. (Also acknowledges MH-2021).
- PITTINGER, ROBERT E., HOCKETT, CHARLES F., and DANEHY, JOHN J.: The first five minutes. Ithaca, N.Y., Paul Martineau, 1960, 264 p. (Also acknowledges MH-2021).
- H-2834 (R01) HILL, WINFRED F., COTTON, JOHN W., and JENSEN, GLEN D.: Generalization related to number of trials and hunger. Northwestern University, Evanston, Ill. (1959-61)
- JENSEN, G. D.: Partial reinforcement effects (PREs) and inverse PREs determined by position of a non-reward block of responses. *Journal of Experimental Psychology*, 62:461-467, 1961.
- JENSEN, GLEN D.: Preference for bar-pressing over "freeloading" as a function of number of rewarded presses. *Journal of Experimental Psychology*, 65:451-454, 1963. (Also acknowledges MH-4494 and MH-7237).
- JENSEN, G. D., and COTTON, J. W.: Running speed as a function of stimulus similarity and number of trials. *Journal of Comparative and Physiological Psychology*, 54:474-476, 1961.
- JENSEN, G. D., and COTTON, J. W.: Complete generalization to stimuli of different areas in a Grice-type apparatus. *Psychological Reports*, 12:647-650, 1963.
- MH-2836 (R01) MAUSNER, BERNARD: Experimental study of social interaction. University of Pittsburgh, Pittsburgh, Pa. (1959-62)
- MAUSNER, BERNARD: Situational effects on a projective test. *Journal of Applied Psychology*, 45:186-192, 1961.
- MAUSNER, BERNARD: Perspectives on interaction research. In: Hollander, E. P., ed. *A convergence on social influence*. New York, State University of Buffalo, 1963.
- MAUSNER, BERNARD: The specification of the stimulus in a social interaction. In: Sells, S. B., ed. *Stimulus determinants of behavior*. Symposium on dimensions of stimulus situations which account for behavior variance. New York, Ronald Press, 1963, p. 107-117.
- MH-2838 (R01) HARWOOD, CHARLES W., and LOUCKS, ROGER B.: Operant autonomic conditioning. Western Washington State College, Bellingham, Wash. (1959-63)
- HARWOOD, C. W.: Operant heart rate conditioning. *Psychological Record*, 12:279-284, 1962.
- HARWOOD, C. W.: Operant autonomic conditioning. In: Taylor, Herbert C., Jr., ed. *Research in progress*. Bellingham, Washington, Graphic Arts Press, 1963, p. 31-36.
- MH-2839 (R01) OLDS, JAMES: Pharmacology of motivational mechanisms. University of Michigan, Ann Arbor, Mich. (1959- )
- BURES, J., BURESOVA, O., FIFKOVA, E., OLDS, J., OLDS, M. E., and TRAVIS, R. P.: Spreading depression and subcortical drive centers. *Physiologia Bohemoslovenica*, 10:321-331, 1961.
- CIANCI, S. N.: Effects of cortical and subcortical stimulation on delayed response in monkeys. *Experimental Neurology*, 11(1):104-114, 1965.
- MARGULES, D. L., and OLDS, J.: Identical "feeding" and "rewarding" systems in the lateral hypothalamus of rats. *Science*, 135(3501):374-375, 1962.

- OLDS, J.: Studies of neuropharmacologicals by electrical and chemical manipulation of the brain in animals with chronically implanted electrodes. In: Bradley, P. B., Deniker, P., and Radouco-Thomas, C., eds. *Neuropsychopharmacology*. Amsterdam, Elsevier, 1959, p. 20-32. (Proceedings of the 1st International Congress of Neuro-pharmacology).
- OLDS, J.: Self-injection in the rat brain. In: Bradley, P. B., Deniker, P., and Radouco-Thomas, C., eds. *Neuropsychopharmacology*. Proceedings of the 1st International Congress of Neuro-pharmacology, Rome, Sept. 1958. Amsterdam, Elsevier, 1959, p. 386-387.
- OLDS, J.: Approach avoidance dissociations in rat brain. *American Journal of Physiology*, 199(6): 965-968, 1960.
- OLDS, J.: Positive emotional systems studied by techniques of self-stimulation. *Psychiatric Research Reports*, 12:238-258, 1960.
- OLDS, J.: Differential effects of drives and drugs on self-stimulation at different brain sites. In: Sheer, D. E., ed. *Electrical stimulation of the brain*. Austin, University of Texas Press, 1961, p. 350-366.
- OLDS, J.: Mechanisms of instrumental conditioning. (Abstract) *Electroencephalography*, 14:426-427, 1962.
- OLDS, J.: Spreading depression and hypothalamic behavior mechanisms. *Federation Proceedings*, 21(3):648-658, 1962.
- OLDS, J.: Hypothalamic substrates of reward. *Physiological Review*, 42(4):554-604, 1962.
- OLDS, J.: Mechanisms of instrumental conditioning. *Electroencephalography and Clinical Neurophysiology*, 24:219-234, 1963.
- OLDS, J.: The induction and suppression of hypothalamic self-stimulation behavior by micro-injection of endogenous substances at the self-stimulation site. In: Excerpta Medica International Congress, Series 83, 1964, p. 597-605. (Proceedings of the 2nd International Congress of Endocrinology, London, Aug. 1964) (Also acknowledges MH-1614).
- OLDS, JAMES: Operant conditioning of single unit responses. In: Excerpta Medica International Congress, Series 87, p. 372-380. (Proceedings of the 23rd International Congress of Physiological Sciences, Tokyo, Sept. 1965) (Also acknowledges MH-1614).
- OLDS, J., and OLDS, M. E.: Interference and learning in paleocortical systems. In: Delafresnaye, J. F., ed. *Brain mechanisms and learning*. Oxford, Scientific Publications, 1961, p. 153-187.
- OLDS, J., and TRAVIS, R. P.: Effects of chlorpromazine, meprobamate, pentobarbital and morphine on self-stimulation. *Journal of Pharmacology and Experimental Therapeutics*, 128(4):397-404, 1960.
- OLDS, J., TRAVIS, R. P., and SCHWING, R. C.: Topographic organization of hypothalamic self-stimulation functions. *Journal of Comparative and Physiological Psychology*, 53(1):23-32, 1960.
- OLDS, J., YUWILER, A. H., OLDS, M. E., and YUN, C.: GABA microinjection in hypothalamic reward centers. *Federation Proceedings*, 21(2):353, 1962.
- OLDS, M. E., HOGBERG, D., and OLDS, J.: Tranquillizer action on thalamic and midbrain escape behavior. *American Journal of Physiology*, 206(3): 515-520, 1964.
- OLDS, M. E., and OLDS, J.: Emotional and associative mechanisms in rat brain. *Journal of Comparative and Physiological Psychology*, 54(2):120-126, 1961.
- OLDS, M. E., and OLDS, J.: Approach-escape interactions in rat brain. *American Journal of Physiology*, 203(5):803-810, 1962.
- OLDS, M. E., and OLDS, J.: Approach-avoidance analysis of rat diencephalon. *Journal of Comparative Neurology*, 120(2):259-295, 1963.
- OLDS, M. E., and OLDS, J.: Pharmacological patterns in subcortical reinforcement behavior. *International Journal of Neuropsychopharmacology*, 2:309-325, 1964.
- WURTZ, R. H., and OLDS, J.: Chronic stimulation of amygdaloid complex. (Abstract) *Federation Proceedings*, 20(1) Part I:336, 1961.
- MH-2840 (R03) STOLLER, ROBERT J., and GEERTSMA, ROBERT H.: Final examination in clinical psychiatry. University of California, Los Angeles, Calif. (1958-59)
- STOLLER, ROBERT J., and GEERTSMA, ROBERT H.: The consistency of psychiatrists' clinical judgments. *Journal of Nervous and Mental Disease*, 137(1): 58-66, 1963.
- MH-2843 (R01) SHAW, MERVILLE C.: Underachievement and personality in bright children. Chico State College, Chico, Calif. (1959-60)
- SHAW, M. C., and DUTTON, B. E.: The use of the parent attitude research inventory with the parents of bright academic underachievers. *Journal of Educational Psychology*, 53(5):203-208, 1962.
- MH-2844 (R01) KURLAND, ALBERT A., and MARSHALL, CURTIS: Hexafluorodiethyl ether and convulsive threshold. Spring Grove State Hospital, Catonsville, Md. (1959-62)
- KURLAND, ALBERT A., DELAMONICA, ENRIQUE, and MARSHALL, CURTIS: A preliminary note of

the effect of hexafluorodiethyl ether (Indoklon) on the electroencephalogram of the epileptic. *Electroencephalography and Clinical Neurophysiology*, 13:781-785, 1961.

JURLAND, A., MARSHALL, C., and HANLON, T. E.: The effect of flurothyl (indoklon R) on the electroencephalogram of the alcoholic. *Journal of Neuropsychiatry*, 5:279-283, 1964.

H-2845 (R03) STEBBINS, WILLIAM C.: A technique for measuring reaction time. Hamilton College, Clinton, N.Y. (1958-59)

STEBBINS, W. C., and DANSON, R. N.: A technique for measuring the latency of a discriminative operant. *Journal of the Experimental Analysis of Behavior*, 4:149-155, 1961.

H-2848 (R03) WITTE, ROBERT S.: A trace hypothesis for statistical learning theory. Cornell College, Mount Vernon, Iowa. (1959-60)

WITTE, R. S.: Conditional response probability in a T maze. *Journal of Experimental Psychology*, 52:439-447, 1961.

H-2850 (R01) KLOPFER, PETER H.: Environmental determination of behavioral characters. Duke University, Durham, N.C. (1959-62)

ILMAN, J. P.: Why do gull chicks peck at visually contrasting spots? A suggestion concerning social learning of food-discrimination. *American Naturalist*, 95:245-247, 1961.

KLOPFER, P. H.: Behavioral aspects of ecology. Englewood Cliffs, New Jersey, Prentice-Hall, 1962.

KLOPFER, P. H.: Behavioral aspects of habitat selection. The role of early experience. *Wilson Bulletin*, 75:51-22, 1963.

KLOPFER, P. H., and GOTTLIEB, G.: Imprinting and behavioral polymorphism: Auditory and visual imprinting in domestic ducks and the involvement of the critical period. *Journal of Comparative and Physiological Psychology*, 55:126-130, 1962.

KLOPFER, P. H., and GOTTLIEB, G.: Learning ability and behavioral polymorphism within individual clutches of wild ducklings. *Zeitschrift für Tierpsychologie*, 19:183-190, 1962.

KLOPFER, P. H., and MACARTHUR, R. H.: Niche size and faunal diversity. *American Naturalist*, 94:293-300, 1960.

KLOPFER, P. H., and MACARTHUR, R. H.: On the causes of tropical species diversity: Niche overlap. *American Naturalist*, 95:222-226, 1961.

ILMAN, B. L., and KLOPFER, P. H.: Endocrine

lation density. *American Naturalist*, 95:256-260, 1961.

MH-2853 (R03) EMMERICH, WALTER: Family role concepts of children and their parents. University of Colorado, Boulder, Colo. (1959-60)

EMMERICH, WALTER: Variations in the parent role as a function of the parent's sex and child's sex and age. *Merrill-Palmer Quarterly*, 8:3-11, 1962. (Also acknowledges MH-3844).

EMMERICH, WALTER: Family role concepts of children ages six to ten. *Child Development*, 32: 609-624, 1961. Also in: Thomas E. A. S., and Biddle, B. J., eds. *Social role: Readings in theory and application*. New York, Wiley, 1964. (Also acknowledges MH-3844).

MH-2855 (R01) BROWN, BARBARA B.: Evaluation of CNS drugs on rhinencephalic activities. Riker Laboratories, Northridge, Calif. (1959-62)

BAILEY, J. E., and BROWN, B. B.: Central electrical effects of two CNS stimulants. (Abstract) *Pharmacologist*, 2(2):86, 1960.

BROWN, BARBARA B.: CNS stimulants and brain electrical activity in spontaneously behaving cats. (Abstract) *Federation Proceedings*, 20(1):320, 1961.

BROWN, BARBARA B., and SHRYNE, JAMES E., JR.: EEG theta activity and fast activity sleep in cats as related to behavioral traits. *Neuropsychologia*, 2:311-326, 1964.

MH-2856 (R01) BEACH, FRANK A.: Psychophysiology of reproductive behavior. University of California, Berkeley, Calif. (1958-60) (Continued from MH-943).

BEACH, F. A.: Neural and chemical regulation of behavior. In: Harlow, Harry F., and Woolsey, Clinton N., eds. *Biological and biochemical bases of behavior*. Wisconsin, University of Wisconsin, 1958, p. 263-285. (Also acknowledges MH-943).

BEACH, F. A.: Normal sexual behavior in male rats isolated at fourteen days of age. *Journal of Comparative and Physiological Psychology*, 51:37, 1958. (Also acknowledges MH-943).

BEACH, F. A., and FOWLER, H.: Individual differences in the response of male rats to androgen. *Journal of Comparative and Physiological Psychology*, 52:50-52, 1959. (Also acknowledges MH-943).

BEACH, F. A., and FOWLER, H.: Effects of "situational anxiety" on sexual behavior in male rats. *Journal of Comparative and Physiological Psychology*, 52:245-248, 1959. (Also acknowledges

- BEACH, F. A., and RABEDEAU, R.: Sexual exhaustion and recovery in the male hamster. *Journal of Comparative and Physiological Psychology*, 52: 56-61, 1959. (Also acknowledges MH-943).
- BEACH, F. A., and WHALEN, R.: Effects of ejaculation on sexual behavior in the male rat. *Journal of Comparative and Physiological Psychology*, 52: 249-254, 1959. (Also acknowledges MH-943).
- BEACH, F. A., and WHALEN, R.: Effects of intromission with ejaculation upon sexual behavior in male rats. *Journal of Comparative and Physiological Psychology*, 52:476-481, 1959. (Also acknowledges MH-943).
- MH-2857 (R01) BITTERMAN, MORTON E., and GONZALEZ, RICHARD C.: Phylogenetic aspects of learning. Bryn Mawr College, Bryn Mawr, Pa. (1959- )
- BEHREND, ERIKA R.: Avoidance-conditioning in the fish: Further studies of the CS-US interval. *American Journal of Psychology*, 77:15-28, 1964.
- BEHREND, E. R., and BITTERMAN, M. E.: Probability-matching in the fish. *American Journal of Psychology*, 74:542-551, 1961.
- BEHREND, E. R., and BITTERMAN, M. E.: Avoidance conditioning in the goldfish: Exploratory studies of the CS-US interval. *American Journal of Psychology*, 75:18-34, 1962.
- BEHREND, E. R., and BITTERMAN, M. E.: Probability matching. *Science*, 137:921-922, 1962.
- BEHREND, E. R., and BITTERMAN, M. E.: Sidman avoidance in the fish. *Journal of the Experimental Analysis of Behavior*, 6:47-52, 1963.
- BEHREND, ERIKA R., DOMESICK, VALERIE B., and BITTERMAN, M. E.: Habit reversal in the fish. *Journal of Comparative and Physiological Psychology*, 60(3):407-411, 1965.
- BERGER, BARRY D., YARCZOWER, MATTHEW, and BITTERMAN, M. E.: Effect of partial reinforcement on the extinction of a classically conditioned response in the goldfish. *Journal of Comparative and Physiological Psychology*, 59(3):399-405, 1965.
- BITTERMAN, M. E.: Toward a comparative psychology of learning. *American Psychologist*, 15:704-712, 1960.
- BITTERMAN, M. E.: Techniques for the study of learning in animals. *Psychological Bulletin*, 59: 81-93, 1962.
- BITTERMAN, M. E.: Classical conditioning in the goldfish as a function of the CS-US interval. *Journal of Comparative and Physiological Psychology*, 58:359-366, 1964.
- BITTERMAN, M. E.: Phyletic differences in learning. *American Psychologist*, 20(6):396-410, 1965.
- BITTERMAN, M. E.: The evolution of intelligence. *Scientific American*, 212:92-100, 1965.
- DALLENBACH, KARL M., BITTERMAN, M. E., NEWMAN, E. B., and POSTMAN, LEO: Avoidance-conditioning in the goldfish: Exploratory studies of the CS-US interval. *American Journal of Psychology*, 75(1):18-34, 1962.
- ESKIN, R., and BITTERMAN, M. E.: Fixed-interval and fixed-ratio performance in the fish as a function of prefeeding. *American Journal of Psychology*, 73:417-423, 1960.
- GONZALEZ, R. C., BAINBRIDGE, PAUL, and BITTERMAN, M. E.: Discrete-trials lever pressing in the rat as a function of pattern of reinforcement, effortfulness of response, and amount of reward. *Journal of Comparative and Physiological Psychology*, 61(1):110-122, 1966.
- GONZALEZ, R. C., BEHREND, ERIKA R., and BITTERMAN, M. E.: Partial reinforcement in the fish: Experiments with spaced trials and partial delay. *American Journal of Psychology*, 78(2):198-207, 1965.
- GONZALEZ, R. C., and BITTERMAN, M. E.: Resistance to extinction in the rat as a function of percentage and distribution of reinforcement. *Journal of Comparative and Physiological Psychology*, 58:258-263, 1964.
- GONZALEZ, R. C., ESKIN, R., and BITTERMAN, M. E.: Alternating and partial reinforcement in the fish, with some observations on asymptotic resistance to extinction. *American Journal of Psychology*, 74:561-568, 1961.
- GONZALEZ, R. C., ESKIN, R., and BITTERMAN, M. E.: Extinction in the fish after partial reinforcement with number of reinforcements equated. *Journal of Comparative and Physiological Psychology*, 55:381-386, 1962.
- GONZALEZ, R. C., ESKIN, R., and BITTERMAN, M. E.: Further experiments on partial reinforcement in the fish. *American Journal of Psychology*, 76:366-375, 1963.
- GONZALEZ, R. C., GLEITMAN, H., and BITTERMAN, M. E.: Some observations on the depression effect. *Journal of Comparative and Physiological Psychology*, 55:578-581, 1962.
- GONZALEZ, R. C., LONGO, N., and BITTERMAN, M. E.: Classical conditioning in the fish: Exploratory studies of partial reinforcement. *Journal of Comparative and Physiological Psychology*, 54: 452-456, 1961.
- GONZALEZ, R. C., MILSTEIN, S., and BITTERMAN, M. E.: Classical conditioning in the fish: Further studies of partial reinforcement. *American Journal of Psychology*, 75:421-428, 1962.
- GONZALEZ, R. C., ROBERTS, W. A., and BITTERMAN, M. E.: Learning in adult rats with extensive

- cortical lesions made in infancy. *American Journal of Psychology*, 577:547-562, 1964. (Also acknowledges MH-5402).
- HORNER, J., LONGO, N., and BITTERMAN, M. E.: A classical conditioning technique for small aquatic animals. *American Journal of Psychology*, 73: 623-626, 1960.
- HORNER, J., LONGO, N., and BITTERMAN, M. E.: A shuttlebox for the fish and a control circuit of general applicability. *American Journal of Psychology*, 74:114-120, 1961.
- KLINMAN, C., and BITTERMAN, M. E.: Classical conditioning in the fish: The CS-US interval. *Journal of Comparative and Physiological Psychology*, 56:578-583, 1963.
- LONGO, N., and BITTERMAN, M. E.: The effect of partial reinforcement with spaced practice on resistance to extinction in the fish. *Journal of Comparative and Physiological Psychology*, 53:169-172, 1960.
- LONGO, N., and BITTERMAN, M. E.: An improved live-worm dispenser. *Journal of the Experimental Analysis of Behavior*, 6:279-280, 1963.
- ROBERTS, WILLIAM A.: Learning and motivation in the immature rat. *American Journal of Psychology*, 79(1):3-23, 1966.
- SHAPIRO, S. M.: Interocular transfer of pattern-discrimination in the goldfish. *American Journal of Psychology*, 78(1):21-38, 1965.
- WODINSKY, J., BEHREND, E. R., and BITTERMAN, M. E.: Avoidance conditioning in two species of fish. *Animal Behavior*, 10:76-78, 1962.
- WODINSKY, J., and BITTERMAN, M. E.: Resistance to extinction in the fish after extensive training with partial reinforcement. *American Journal of Psychology*, 73:429-434, 1960.
- YARCZOWER, MATTHEW, and BITTERMAN, M. E.: Stimulus generalization in the goldfish. In: Mostofsky, David I., ed. *Stimulus generalization*. Stanford, Calif., Stanford University Press, 1965, p. 179-192.
- MH-2858 (R01) KOBLER, ARTHUR L.: Psychologic change in the hospitalized mentally ill. Ryther Child Center, Seattle, Wash. (1958-61)
- KOBLER, ARTHUR L., and STOTLAND, EZRA: The end of hope: A social-clinical study of suicide. New York, Free Press of Glencoe, 1964, 266 p.
- STOTLAND, EZRA, and KOBLER, ARTHUR L.: Life and death of a mental hospital. Seattle, Univ. of Wash. Press, 1965, 257 p.
- MH-2861 (R01) BUSS, ARNOLD H.: Stimulus generalization and aggressive stimuli. University of Pittsburgh, Pittsburgh, Pa. (1959-62)
- BUSS, A. H.: Stimulus generalization and aggressive stimuli. *Journal of Experimental Psychology*, 61: 469-473, 1961.
- BUSS, A. H.: Stimulus generalization with aggressive verbal stimuli: A new paradigm. *Journal of Psychology*, 53:417-424, 1962.
- GEER, J., and BUSS, A. H.: Generalization of a nonverbal response to aggressive verbal stimuli. *Journal of Experimental Psychology*, 63:413-414, 1962.
- MURRAY, E. N., and BUSS, A. H.: Mediated stimulus generalization and words connoting mood. *Journal of Abnormal and Social Psychology*, 67: 586-593, 1963.
- MH-2867 (R03) KIMMEL, HERBERT D.: The galvanic skin response as operant behavior. University of Florida, Gainesville, Fla. (1959-60)
- KIMMEL, H. D., and HILL, FRANCES A.: Operant conditioning of the GSR. *Psychological Reports*, 7:555-562, 1960.
- KIMMEL, H. D., and HILL, FRANCES A.: A comparison of two electrodermal measures of response to stress. *Journal of Comparative and Physiological Psychology*, 54:395-397, 1961.
- MH-2870 (R03) TYLER, LEONA E.: Use of a sorting test to assess patterns of choices. University of Oregon, Eugene, Ore. (1959-59)
- TYLER, LEONA E.: Research explorations in the realm of choice. *Journal of Counseling Psychology*, 8:195-201, 1961.
- MH-2875 (R01) KARELITZ, SAMUEL, FISICHELLI, VINCENT R., and ROSENFELD, LAURA S.: Infant vocalizations as index of mental development. Long Island Jewish Hospital, New Hyde Park, N.Y. (1959-64)
- FISICHELLI, V. R., and KARELITZ, S.: The cry latencies of normal infants and those with brain damage. *Journal of Pediatrics*, 62:724-734, 1963.
- FISICHELLI, V. R., KARELITZ, S., EICHBAUER, J., and ROSENFELD, L.: Volume-unit graphs: Their production and applicability in studies of infants' cries. *Journal of Psychology*, 52:423-429, 1961.
- KARELITZ, S.: Infant vocalizations. *Journal of the Indian Pediatric Society*, 2:1-3, 1963.
- KARELITZ, S., and FISICHELLI, V. R.: The cry thresholds of normal infants and those with brain damage. *Journal of Pediatrics*, 61:679-685, 1962.
- KARELITZ, S., FISICHELLI, V. R., COSTA, J., KARELITZ, R., and ROSENFELD, L.: Relation of crying activity in early infancy to speech and intellectual development of age three years. *Child Development*, 35:769-777, 1964.

- KARELITZ, S., KARELITZ, R., and ROSENFELD, L. S.: Infants' vocalizations and their significance. In: Bowman, P. W., and Mautner, H. V., eds. *Mental Retardation* (Proceedings of the First International Medical Conference). New York, Grune & Stratton, 1960, p. 439-446.
- MH-2876 (R03) FELDMAN, MARVIN J.: The effect of reward on conformity behavior. University of Buffalo, prior to Sept. 1, 1962—Buffalo, N.Y. (1958-59)
- FELDMAN, MARVIN J., and BIERMAN, RALPH: The effect of reward on conforming and independent behavior. (Abstract) *American Psychologist*, 14: 334, 1959.
- MH-2878 (R01) MESSICK, SAMUEL J., and JACKSON, DOUGLAS N.: Stylistic determinants in personality assessment Educational Testing Service. Princeton, N.J. (1959- )
- JACKSON, DOUGLAS N., and MESSICK, S.: Acquiescence and desirability as response determinants on the MMPI. *Educational and Psychological Measurement*, 21:771-790, 1961. (Also acknowledges MH-2738).
- JACKSON, DOUGLAS N., and MESSICK, S.: Acquiescence and the factorial interpretation of the MMPI. *Psychological Bulletin*, 58:299-304, 1961. (Also acknowledges MH-2738).
- JACKSON, DOUGLAS N., and MESSICK, S.: Desirability scale values and dispersions for MMPI items. *Psychological Reports*, 8:409-414, 1961. (Also acknowledges MH-2738).
- JACKSON, DOUGLAS N., and MESSICK, S.: Response styles on the MMPI: Comparison of clinical and normal samples. *Journal of Abnormal and Social Psychology*, 65:285-299, 1962. (Also acknowledges MH-2738).
- JACKSON, DOUGLAS N., and MESSICK, S.: Response styles and assessment of psychopathology. In: Messick, S., and Ross, J., eds. *Measurement in personality and cognition*. New York, Wiley, 1962, p. 129-155. Also in: Jackson, D. N., and Messick, S., eds. *Problems in human assessment*. New York, McGraw-Hill, 1964. (Also acknowledges MH-2738).
- MESSICK, S.: Response style and content measures from personality inventories. *Educational and Psychological Measurement*, 22:41-56, 1962.
- TUCKER, L. R., and MESSICK, S.: An individual differences model for multidimensional scaling. *Psychometrika*, 28:333-367, 1963. (Also acknowledges MH-4186).
- MH-2879 (R01) LONG, EUGENE R., JR.: Operant conditioning techniques for children. University of North Carolina, Chapel Hill, N.C. (1959-63)
- LONG, EUGENE R.: Multiple scheduling in children. *Journal of the Experimental Analysis of Behavior*, 3:268, 1959.
- LONG, EUGENE R.: Additional techniques for producing multiple schedule control in children. *Journal of the Experimental Analysis of Behavior*, 5:443-455, 1962.
- LONG, EUGENE R.: Chained and tandem scheduling with children. *Journal of the Experimental Analysis of Behavior*, 6:459-472, 1963.
- MH-2882 (R01) LENNARD, HENRY L., HENDIN, HELEN, and SILIS, DAVID L.: Communication systems having a mentally ill member. Columbia University, New York, N.Y. (1959-62)
- HENDIN, HELEN C., LENNARD, HENRY L., and BERNSTEIN, ARNOLD: Psychotherapy as a system of action. *American Journal of Psychiatry*, 117(10): 903-909, 1961. (Also acknowledges MH-1076).
- LENNARD, HENRY L.: The challenge of research on family dynamics. In: Ackerman, N., and Beaman, F., eds. *Exploring the base for family therapy*. New York, Family Service Association of America, 1961.
- LENNARD, HENRY L.: Some aspects of the psychotherapy system. In: Strupp, H., and Luborsky, L., eds. *Research in psychotherapy*. Washington, D.C., American Psychological Association, 1962, p. 218-236. (Also acknowledges MH-1076).
- LENNARD, HENRY L.: Research on psychotherapy. In: *Topical problems of psychotherapy*. Vol. 4. Basel, S. Karger, 1963.
- LENNARD, HENRY L., BEAULIEU, MAURICE R., and EMBREY, NOLEN G.: Interaction in families with a schizophrenic child. *Archives of General Psychiatry*, 12:166-183, 1965.
- LENNARD, HENRY L., and BERNSTEIN, ARNOLD: The anatomy of psychotherapy: Systems of communication and expectation. New York, Columbia University Press, 1960, 209 p. (Also acknowledges MH-1076).
- MH-2883 (R01) WOODS, PAUL J.: Intelligence as a function of early environment. Hollins College, Hollins College, Va. (1959- )
- BOLLES, R. C., and WOODS, P. J.: The ontogeny of behavior in the albino rat. *Animal Behavior*, 12:427-441, 1964.
- ROWLAND, G., and WOODS, P. J.: Performance of the Tryon "bright" and "dull" strains under two conditions in a multiple T-maze. *Canadian Journal of Psychology*, 15:20-25, 1961.
- WOODS, P. J.: Behavior in a novel situation as influenced by the immediately preceding environment. *Journal of Experimental Analysis of Behavior*, 5(2):185-190, 1962.

- WOODS, P. J.: Instrumental escape conditioning in a water tank: Preliminary report. *Psychological Reports*, 13:719-722, 1963.
- WOODS, P. J.: Water tank apparatus for instrumental escape conditioning. *Psychological Reports*, 14: 167-170, 1964.
- WOODS, P. J., and BOLLES, R. C.: Effects of current hunger and prior eating habits on exploratory behavior. *Journal of Comparative and Physiological Psychology*, 59:141-143, 1965.
- WOODS, P. J., and DAVIDSON, E.: The behavioral effects of changes in environmental complexity. *Canadian Journal of Psychology*, 18:23-27, 1964.
- WOODS, P. J., DAVIDSON, E. H., and PETERS, R. J.: Instrumental escape conditioning in a water tank: The effects of variations in drive stimulus intensity and reinforcement magnitude. *Journal of Comparative and Physiological Psychology*, 57(3):466-470, 1964.
- WOODS, P. J., FISKE, A. S., and RUCKELSHAUS, S.: The effects of drives conflicting with exploration on the problem-solving behavior of rats reared in "free" and "restricted" environments. *Journal of Comparative and Physiological Psychology*, 54: 167-169, 1961.
- WOODS, P. J., GLAVIN, K. B., and KETTLE, C. M.: A mother-daughter comparison on selected aspects of child-rearing in a high socio-economic group. *Child Development*, 31:121-125, 1960.
- WOODS, P. J., and HOLLAND, C.: Performance on a black-white discrimination problem in a water-maze as influenced by water temperature and swimming ability. *Psychological Reports*, 9:433-439, 1961.
- WOODS, P. J., and JENNINGS, S.: Response to environmental change: A further confirmation. *Psychological Reports*, 5:560, 1959.
- WOODS, P. J., RUCKELSHAUS, S., and BOWLING, D.: Some effects of "free" and "restricted" environmental rearing conditions upon adult behavior in the rat. *Psychological Reports*, 6:191-200, 1960.
- MH-2884 (R01) KAGAN, JEROME, and LESSER, GERALD S.: Conference on apperceptive fantasy techniques. Fels Research Institute, Yellow Springs, Ohio. (1959-60)
- KAGAN, J., and LESSER, G. S., eds.: Contemporary issues in thematic apperceptive methods. Springfield, Ill., C. C. Thomas, 1961, 328 p.
- MH-2890 (R01) BALDRIDGE, ROBERT G., and BOROFKY, LEATRICE: Tryptophan metabolism in phenylketonurics. Temple University, Philadelphia, Pa. (1959-62)
- AUERBACK, V. H., DIGEORGE, A. M., BALDRIDGE, R. C., TOURTELLETTE, C. D., and BRIGHAM, M. P.: Histidinemia. A deficiency of histidase resulting in the urinary excretion of histidine and imidazolepyruvic acid. *Journal of Pediatrics*, 60: 487-497, 1962.
- REICHLE, R. A., BALDRIDGE, R. C., DOBBS, J., and TROMPETTER, M.: Tryptophan metabolism in phenylketonurics. *Journal of the American Medical Association*, 178:939-941, 1961.
- SPOLTER, PARI D., and BALDRIDGE, R. C.: Effect of ethionine on histidine metabolism. *Proceedings of the Society for Experimental Biology and Medicine*, 113(2):436-439, 1963.
- MH-2891 (R01) SNYDER, LAURENCE H., LIPPMAN, RICHARD W., and YASUNOBU, KERRY T.: Biochemical and genetic aspects of mental dysfunction. University of Hawaii, Honolulu, Haw. (1959-64)
- YAMADA, H., GEE, P., EBATA, M., and YASUNOBU, K.: Monoamine oxidase. VI. Physicochemical properties of plasma monoamine oxidase. *Biochimica et Biophysica Acta*, 81:165-171, 1964.
- YAMADA, H., and YASUNOBU, K.: The nature of the prosthetic group of plasma amine oxidase. *Biochemical and Biophysical Research Communications*, 8:5, 1962.
- YAMADA, H., and YASUNOBU, K.: Monoamine oxidase. II. Copper, one of the prosthetic groups of plasma monoamine oxidase. *Journal of Biological Chemistry*, 237(10):3077-3082, 1963.
- YAMADA, H., and YASUNOBU, K.: Monoamine oxidase. IV. Nature of the second prosthetic group of plasma monoamine oxidase. *Journal of Biological Chemistry*, 238:2669, 1963.
- YAMADA, H., YASUNOBU, K., YAMANO, T., and MASON, M.: Copper in plasma amine oxidase. *Nature*, 198:1092, 1963.
- YASUNOBU, K., and YAMADA, H.: Plasma amine oxidase, a cupric-pyridoxal phosphate enzyme. In: *Proceedings of the Symposium on Chemical and Biological Aspects of Pyridoxal Catalysis*, Rome, 1962. New York, Pergamon Press, 1963, p. 453-466.
- MH-2895 (R01) FOLTZ, ELDON L., and WHITE, LOWELL E., JR.: Centrogenic factors in experimental disease states. University of Washington, Seattle, Wash. (1959- )
- FOLTZ, E. L.: Neurophysiological mechanisms in production of gastrointestinal ulcers. *Journal of the American Medical Association*, 187:413-417, 1964.
- FOLTZ, E. L., and WHITE, L. E., JR.: Pain "relief" by frontal cingulotomy. *Journal of Neurosurgery*, 19:89-100, 1962.

- WHITE, L. E., JR., NELSON, W., and FOLTZ, E. L.: The cingulum fasciculus as related to the limbic system. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 10:361, 1958.
- WHITE, L. E., JR., NELSON, W. M., and FOLTZ, E. L.: Cingulum fasciculus study by evoked potentials. *Experimental Neurology*, 2:406-421, 1960.
- MH-2896 (R01) WEITZENHOFFER, ANDRE M.: An investigation of hypnotic time distortion. Stanford University, Stanford, Calif. (1959-60)
- WEITZENHOFFER, A. M.: Explorations in hypnotic time distortion. I. Acquisition of temporal reference frames under conditions of time distortion. *Journal of Nervous and Mental Disease*, 138:354-366, 1964. (Also acknowledges MH-3859).
- MH-2898 (R01) DUNHAM, H. WARREN, and HOWELL, ROGER W.: An epidemiological study of schizophrenia. Lafayette Clinic, Detroit, Mich. (1959-62)
- DUNHAM, H. W.: Social class and schizophrenia. *American Journal of Orthopsychiatry*, 34:634-642, 1964.
- DUNHAM, H. WARREN, GULYAS, DENEZ, KNOX, RICHARD, and PITTS, JESSE: The development of a screening device for selecting schizophrenics in the community. *Psychiatric Research Reports*, 15:97-105, 1962.
- DUNHAM, H. WARREN, KNOX, RICHARD S., and PITTS, JESSE R.: The epidemiology of schizophrenia in two subcommunities of Detroit. In: *Proceedings of the Third World Congress of Psychiatry*. Vol. 2. Montreal, University of Toronto Press/McGill University Press, 1961, p. 1089-1094.
- MH-2900 (R01) DI VESTA, FRANCIS J.: Verbal mediation in learning of preferences. Syracuse University, Syracuse, N.Y. (1959-64)
- DI VESTA, FRANCIS J.: Contrast effects in the verbal conditioning of meaning. *Journal of Experimental Psychology*, 62:535-544, 1961.
- DI VESTA, FRANCIS J.: Effects of mediated generalization on the development of children's preferences for figures. *Child Development*, 33:209-220, 1962.
- DI VESTA, FRANCIS J., and STOVER, DONALD O.: The semantic mediation of evaluative meaning. *Journal of Experimental Psychology*, 64:467-475, 1962.
- MH-2903 (R01) CHURCH, RUSSELL M.: Behavior in competitive situations. Brown University, Providence, R.I. (1959-64)
- CARNATHAN, JAMES, and CHURCH, RUSSELL M.: The effect of competitive allocation of reinforcements to rats in the straight alley. *Journal of General Psychology*, 71:137-144, 1964.
- CHURCH, RUSSELL M.: Effects of a competitive situation on the speed of response. *Journal of Comparative and Physiological Psychology*, 54:162-166, 1961.
- CHURCH, RUSSELL M.: The effects of competition on reaction time and palmar skin conductance. *Journal of Abnormal and Social Psychology*, 65:32-40, 1962.
- CHURCH, RUSSELL M.: Effect of relative skill on the amount of competitive facilitation. *Psychological Reports*, 11:603-614, 1962.
- CHURCH, RUSSELL M.: Systematic effect of random error in the yoked control design. *Psychological Bulletin*, 62:122-131, 1964.
- CHURCH, R. M., and CAMP, D. S.: Change in reaction-time as a function of knowledge of results. *American Journal of Psychology*, 78(1): 102-106, 1965.
- CHURCH, RUSSELL M., and CARNATHAN, JAMES: Differential reinforcement of short latency responses in the white rat. *Journal of Comparative and Physiological Psychology*, 56:120-123, 1963.
- CHURCH, RUSSELL M., MILLWARD, RICHARD B., and MILLER, PETER: Prediction of success in a competitive reaction time situation. *Journal of Abnormal and Social Psychology*, 67:234-240, 1963.
- MH-2904 (R01) NICHOLS, JOHN R., and HORN, PAUL E.: Operant conditioning factors in opiate addiction. Southeastern Louisiana College, Hammond, La. (1959- )
- DAVIS, W. M., and NICHOLS, J. R.: Physical dependence and sustained opiate-directed behavior in the rat. *Psychopharmacologia*, 3:139-145, 1962.
- DAVIS, W. M., and NICHOLS, J. R.: A technique for self-injection of drugs in the study of reinforcement. *Journal of the Experimental Analysis of Behavior*, 6(2):233-235, 1963.
- MORSE, W. H.: Effect of amobarbital and chlorpromazine on punished behavior in the pigeon. *Psychopharmacologia*, 6:286-294, 1964.
- NICHOLS, J. R.: A procedure which produces sustained opiate-directed behavior (morphine addiction) in the rat. *Psychological Reports*, 13:895-904, 1963.
- NICHOLS, J. R., and EVANS, W. O.: The relationship between the analgetic effect of morphine and addiction liability in rats. *U.S. Army Medical Research and Development Command*, February 25, 1963. (Unclassified report number 559).
- MH-2906 (R03) MADISON, HARRY L.: Motivation of patients in occupational therapy. University of Wisconsin, Madison, Wisc. (1959-59)



- MADISON, HARRY L., and HERRING, MARJORIE B.: An experimental study of motivation. *American Journal of Occupational Therapy*, 14(5):253-255, 1960.
- MH-2908 (R03) WILSON, WILLIAM A., JR.: Cortical lesions and intersensory transfer. University of Colorado, Boulder, Colo. (1959-60)
- WILSON, M., and WILSON, W. A., JR.: Intersensory facilitation of learning sets in normal and brain-operated monkeys. *Journal of Comparative and Physiological Psychology*, 55:931-934, 1962. (Also acknowledges MH-4472).
- MH-2919 (R01) KAPLAN, OSCAR J.: Psychological abilities scale for seniles. San Diego State College, San Diego, Calif. (1960-64)
- KAPLAN, JEROME, FORD, CAROLINE S., and WAIN, HARRY: Measuring the impact of a gerontological counseling service on a medical community. *Journal of Gerontology*, 21(1):27-30, 1966.
- KAPLAN, OSCAR: Changes in psychological test performance in seniles after a one year interval. Part II. *Gerontologist*, 3:29 (September), 1963.
- KAPLAN, OSCAR, and MITCHELL, DOROTHY C.: Psychological abilities and self-care in seniles. In: *Excerpta Medica*, 6th International Congress of Gerontology. Amsterdam, International Congress Series 57, 1963, p. 143.
- KAPLAN, OSCAR J., RUMBAUGH, DUANE M., MITCHELL, DOROTHY C., and THOMAS, EDMUND D.: Effects of level of surviving abilities, time of day, and test-retest upon psychological performance in seniles. *Journal of Gerontology*, 18:55-59, 1963.
- MH-2920 (R01) FEIFEL, HERMAN, and MEYER, MORTIMER M.: Attitudes toward death of terminally ill persons. University of Southern California, Los Angeles, Calif. (1959-63)
- FEIFEL, HERMAN: Death-relevant variable in psychology. In: May, Rollo, ed. *Existential psychology*. New York, Random House, 1961, p. 61-74.
- FEIFEL, HERMAN: Attitudes toward death in older persons. *Journal of Gerontology*, 16:44-66, 1961.
- FEIFEL, HERMAN: Scientific research in taboo areas: Death. *American Behavioral Scientist*, 5:28-30, 1962.
- FEIFEL, HERMAN: Relationships between religious outlook and attitudes toward death. In: Cook, Stuart W., ed. *Research plans in the fields of religion, values, and morality*. New York, Religious Education Association, 1962, p. 60-66.
- FEIFEL, HERMAN: The taboo on death. *American*
- FEIFEL, HERMAN: Death. In: Deutsch, Albert, ed. *The encyclopedia of mental health*. Vol. 2. New York, Franklin Watts, 1963, p. 427-450.
- FEIFEL, HERMAN: Death. In: Farberow, Norman L., ed. *Taboo topics*. New York, Atherton Press, 1963, p. 8-21.
- FEIFEL, HERMAN: The function of attitudes toward dying. In: *Death and dying: Attitudes of patient and doctor*. Symposium No. 11. Vol. 5. New York, Group for the Advancement of Psychiatry, 1965, p. 632-641.
- FEIFEL, HERMAN, and HELLER, JOSEPH: Normalcy, illness, and death. In: *Proceedings of the 3rd World Congress of Psychiatry*. Vol. 2. Montreal, University of Toronto Press/McGill University Press, 1962, p. 1252-1256.
- MH-2921 (R17) LENNEBERG, ERIC H.: Interdisciplinary study of speech and language. Childrens Hospital Medical Center, Boston, Mass. (1959-64) (Continued as MH-5268).
- LENNEBERG, ERIC H.: Language, evolution, and purposive behavior. In: Diamond, Stanley, ed. *Culture in history*. New York, Columbia University Press, 1960.
- LENNEBERG, ERIC H.: Color naming, color recognition, color discrimination: A reappraisal. *Perceptual and Motor Skills*, 12:375-382, 1961.
- LENNEBERG, ERIC H.: Understanding language without ability to speak: A case report. *Journal of Abnormal and Social Psychology*, 65:419-425, 1962.
- LENNEBERG, ERIC H.: A laboratory for speech research at the Children's Hospital Medical Center. *New England Journal of Medicine*, 266:385-392, 1962.
- LENNEBERG, ERIC H.: The relationship of language to the formation of concepts. *Synthese*, 14:103-109, 1962.
- LENNEBERG, ERIC H.: Language disorders in childhood. *Harvard Educational Review*, 34(2):152-177, 1964. (Also acknowledges MH-5268).
- LENNEBERG, ERIC H.: Speech as a motor skill with special reference to nonaphasic disorders. *Monographs of the Society for Research in Child Development*, 29(1):115-139, 1964. (Also acknowledges MH-5268).
- LENNEBERG, ERIC H.: A biological perspective of language. In: Lenneberg, Eric H., ed. *New directions in the study of language*. Cambridge, Mass., Massachusetts Institute of Technology, 1964, p. 65-88. (Also acknowledges MH-5268).
- LENNEBERG, ERIC H., NICHOLS, IRENE A., and ROSENBERGER, ELEANOR F.: Primitive stages of

- David McK., and Weinstein, Edwin A., eds. *Disorders of communication*. Vol. 42. Association for research in nervous and mental disease. Baltimore, Williams & Wilkins, 1964, p. 119-137. (Also acknowledges MH-5268).
- MH-2922 (R10) WARSHAW, LEON J.: Effects of drugs on mood and performance in industry. United Artists Corporation, New York, N.Y. (1959-63)
- STONE, M. L., and WARSHAW, L. J.: Dysmenorrhea. *Journal of Occupational Medicine*, 2:278-281, 1960.
- WARSHAW, L. J.: Employment of the handicapped. *New York State Journal of Medicine*, 60:2426-2433, 1960.
- WARSHAW, L. J.: Clinical pharmacology in industrial medicine. *Clinical Pharmacology and Therapeutics*, 2:230-236, 1961. (Also acknowledges MH-2225).
- WARSHAW, L. J.: Cardiovascular effects of environmental stress. *Journal of the American Society of Safety Engineers*, 7:33-38, 1962.
- WARSHAW, L. J.: Placebo effects (toxicity following the use of placebos). In: Spain, D. M. *The complications of modern medical practices*. New York, Grune & Stratton, 1963, p. 300-313.
- WARSHAW, L. J.: Returning the cardiac to work. *Heart Bulletin*, 13:1-7, 1964.
- WARSHAW, L. J.: Clinical research in industrial medicine. *Journal of Occupational Medicine*, 6:1-4, 1964. (Also acknowledges MH-2225).
- WARSHAW, L. J.: The role of the industrial physician in cardiovascular rehabilitation. *Journal of Occupational Medicine*, 6:85-90, 1964.
- WARSHAW, L. J., and BENNETT, H. J.: Evaluation of drugs in industry. *A. M. A. Archives of Environmental Health*, 6:227-234, 1963.
- WARSHAW, L. J., BENNETT, H. J., and CHASSAN, J. B.: Chlordiazepoxide and clidinium bromide in management of acute gastrointestinal upset. *New York State Journal of Medicine*, 64(3):405-409, 1964.
- MH-2923 (R10) BRILL, NORMAN Q., and EPSTEIN, LEON: Tranquilizers in psychiatric outpatient treatment. University of California, Los Angeles, Calif. (1959-63)
- BRILL, NORMAN Q., KOEGLER, RONALD R., EPSTEIN, LEON J., and FORGY, EDWARD W.: Controlled study of psychiatric outpatient treatment. *Archives of General Psychiatry*, 10:581-595, 1964.
- KOEGLER, RONALD R., BRILL, NORMAN Q., EPSTEIN, LEON J., and JORDAN, SARA J.: The vanishing American. *International Journal of Social Psychiatry*, 10(1):14-18, 1964.
- MH-2924 (R01) NEWCOMB, THEODORE M., and SMITH, HOWARD P.: Continuities in community participation and attitudes. Bennington College, Bennington, Vt. (1959-64)
- NEWCOMB, T. M.: Persistence and regression of changed attitudes: Long range studies. *Journal of Social Issues*, 19(4):3-14, 1963.
- MH-2926 (R01) COPPOCK, HAROLD W., and PATTERSON, ROBERT A.: Sensory and motor factors in escape conditioning. Arizona State University, Tempe, Ariz. (1959-64)
- COPPOCK, H. W., and FREUND, J. E.: All-or-none vs. incremental learning of errorless shock escapes by the rat. *Science*, 135:1-2, 1962. (Also acknowledges MH-2006).
- COPPOCK, H. W., and FREUND, J.: All or non vs. incremental learning of errorless shock escapes by the rat. *Science*, 135:318-319, 1962.
- COPPOCK, H. W., MEEKS, W. A., and HUARD, D. V.: Drug and strain effects on performance and reversal of a head-position habit. *Journal of Comparative and Physiological Psychology*, 56:551-557, 1963.
- COPPOCK, HAROLD W., and OSBORNE, J. G.: Inter-trial movements during distributed shock-escape conditioning. *Psychonomic Science*, 3(3):123-124, 1965.
- WENLER, JONATHAN: Multiple analysis program system: A system of interrelated statistical programs. Tempe, Arizona, Arizona State University, 1959, 126 p. (Processed) (Also acknowledges MH-2054).
- MH-2927 (R01) FISCHER, ROLAND, and LISS, LEOPOLD: Factors involved in psychopharmacological activity. Columbus Psychiatric Institute and Hospital, Columbus, Ohio. (1959-62)
- FISCHER, DAVID: Histochemical model experiments on factors influencing dye-protein-interaction. *Journal of Histochemistry and Cytochemistry*, 7(5):350-351, 1959.
- FISCHER, R.: Selection on the molecular level: Biological role of drug-protein interaction. In: *Proceedings of the International Symposium on Structure and Biological Function of Proteins*, Sept. 21-26, 1960. Berlin, W. Humboldt University, 1962, p. 165-174.
- FISCHER, R., GRIFFIN, F., and LISS, L.: Biological aspects of time in relation to (model) psychoses. *Annals of the New York Academy of Sciences*, 96:44-65, 1962.
- FISCHER, ROLAND, and MEAD, E. L.: Time contraction and psychomotor performance produced by 'psilocybin.' *Nature*, 209(5021):433-434, 1966.

- FISCHER, R., and ZEMAN, W.: Neuronal dye-sorption as a histochemical indicator of nervous activity. *Nature*, 183:1337-1338, 1959.
- FISCHER, R., ZEMAN, W., and IRONS, I.: Differential dye-uptake in excited and non-excited nervous tissue after treatment with pepsin and neotetrazelunchloride. (Abstract) *Journal of Histochemistry and Cytochemistry*, 9:103, 1961.
- IRONS, IAN I.: Rapid preparation of frozen sections for comparative histochemical studies: Jump mounting of paired frozen sections on semi-heated microslides. *Journal of Histochemistry and Cytochemistry*, 9(4):363-367, 1961.
- NERENBERG, C., and FISCHER, R.: Purification of thionin, azure A, azure B, and methylene blue. *Stain Technology*, 38:75-84, 1963.
- ZEMAN, W., and FISCHER, R.: Further evidence on the relation between neuronal dye sorption and nervous activity. In: Wortis, Joseph, ed. *Recent advances in biological psychiatry*. New York, Grune & Stratton, 1960, p. 16-23.
- MH-2929 (R01) NELSON, JOHN W., and TYE, ARTHUR: Chlorpromazine action on amygdaloid-septal areas. Ohio State University, Columbus, Ohio. (1959-62)
- COHEN, M., and NELSON, J. W.: A method for evaluating the behavioral effects of central depressants. *Journal of Pharmaceutical Sciences*, 53: 863-868, 1964.
- COHEN, M., and NELSON, J. W.: The effects of limbic lesions on chlorpromazine-pentobarbital interaction. *Journal of Pharmaceutical Sciences*, 53 (8):979-981, 1964.
- RAITT, J. R., NELSON, J. W., and TYE, A.: An investigation of a possible site of action of chlorpromazine. (Abstract) *Federation Proceedings*, 20(1)Part I:170, 1960.
- RAITT, J. R., NELSON, J. W., and TYE, A.: Effect of chlorpromazine on septal hyperactivity in the rat. *British Journal of Pharmacology and Chemotherapy*, 17(3):473-478, 1961.
- MH-2934 (R01) RICKELS, KARL: Eval of drug therapy in psychiatric outpatients. University of Pennsylvania, Philadelphia, Pa. (1959-64)
- CATTELL, R. B., and RICKELS, K.: Diagnostic power of IPAT objective anxiety neuroticism tests. *Archives of General Psychiatry*, 11:459-465, 1964. (Also acknowledges MH-1733).
- CATTELL, RAYMOND B., RICKELS, KARL, WEISE, C., GRAY, B., and YEE, R.: The effects of psychotherapy upon measured anxiety and regression. *American Journal of Psychotherapy*, 20(2):261-269, 1966. (Also acknowledges MH-1733).
- DOWNING, N., RICKELS, K., DOWNING, R., and ROBINSON, F.: Personality and attitudinal correlates of response to drug treatment in psychiatric outpatients. 3. Neurotic medical clinic patients of low socio-economic status. A demographic study. *Journal of Psychology*, 57:165-188, 1964.
- DOWNING, R., and RICKELS, K.: Personality and attitudinal correlates of response to drug treatment in psychiatric outpatients: Preliminary investigation and implications for further research. *Journal of Psychology*, 54:345-361, 1962.
- DOWNING, ROBERT W., and RICKELS, KARL: Q-sort patterns of self-evaluation in three neurotic clinic populations. *Journal of Clinical Psychology*, 21: 89-96, 1965.
- GOODMAN, J., DOWNING, R., and RICKELS, K.: Temporal change in handwriting expansiveness in depressed and schizophrenic patients. *Journal of Nervous and Mental Disease*, 139:53-61, 1964. (Also acknowledges MH-4679).
- MOCK, JOHN E., RICKELS, KARL, and YEE, ROBERT: A clinical evaluation of hydroxyzine and placebo in anxious psychiatric outpatients. *International Journal of Neuropsychiatry*, 1(2):168-172, 1965.
- RAAB, ERNST, RICKELS, KARL, and MOORE, EDNA: A double-blind evaluation of tybamate in anxious neurotic medical clinic patients. *American Journal of Psychiatry*, 120(10):1005-1007, 1964.
- RICKELS, K.: Treatment of depression. *Journal of Neuropsychiatry*, 2(Suppl. No. 1):17-30, 1960. (Proceedings of Symposium on Depression).
- RICKELS, K.: Chemotherapy in the treatment of various depressive conditions. Massachusetts Department of Mental Health, 1960, p. 74-87.
- RICKELS, K.: Controlled outpatient studies with non-psychotic psychiatric patients. In: Transactions of the Fifth Annual Research Conference, Washington, D.C., Veterans Administration, 1960, p. 101-106.
- RICKELS, K.: Drugs and the autonomic nervous system. *Psychosomatics*, 2:30-33, 1961.
- RICKELS, K.: The controlled clinical trial in psychopharmacologic research. In: Nodine, J. H., and Moyer, J. H., eds. *Psychosomatic medicine, The First Habnemann Symposium*. Philadelphia, Lea and Febiger, 1962, p. 421-426.
- RICKELS, K.: Indications for tranquilizers with psychotherapy. In: Nodine, J. H., and Moyer, J. H., eds. *Psychosomatic medicine, The First Habnemann Symposium*. Philadelphia, Lea and Febiger, 1962, p. 776-779.
- RICKELS, K.: Pharmacotherapy of depression. *Psychosomatics*, 3:390-396, 1962.
- RICKELS, K.: Psychopharmacologic agents: A clinical psychiatrist's individualistic point of view: Patient

- and doctor variables. *Journal of Nervous and Mental Disease*, 136:540-549, 1963.
- RICKELS, KARL: Important and relevant aspects of tranquilizer therapy. *Journal of Neuropsychiatry*, 5(7):442-447, 1964. (Also acknowledges MH-4731).
- RICKELS, K.: Placebo reactions and drop-outs in anxious and depressed patients visiting psychopharmacology clinics. *Neuropsychopharmacology*, 3:156-161, 1964.
- RICKELS, K., and BASS, H.: A comparative controlled clinical trial of seven hypnotic agents in medical and psychiatric inpatients. *American Journal of Medical Science*, 245:142-152, 1963.
- RICKELS, K., BAUMM, D., and FALES, K.: Evaluation of placebo responses in psychiatric outpatients under two experimental conditions. *Neuropsychopharmacology*, 3:80-84, 1964.
- RICKELS, KARL, BAUMM, CRAIG, RAAB, ERNST, TAYLOR, WILLIAM, and MOORE, EDNA: A psychopharmacological evaluation of chlorthalidone, LA-1 and placebo, carried out with anxious, neurotic medical clinic patients. *Medical Times*, March 1965.
- RICKELS, KARL, BAUMM, N. CRAIG, TAYLOR, WILLIAM, and RAAB, ERNST: Humanism in clinical research. *Psychosomatics*, 5:315-316, 1964.
- RICKELS, KARL, BOREN, RICHARD, and STUART HAL M.: Controlled psychopharmacological research in general practice. *Journal of New Drugs*, 4:138-147, 1964.
- RICKELS, K., CATTELL, R., MACAFEE, A., and HESBACHER, P.: Drug response and important external events in the patient's life. *Diseases of the Nervous System*, 26(12):782-786, 1965.
- RICKELS, KARL, and CATTELL, RAYMOND B.: The clinical factor validity and trueness of the IPAT verbal and objective batteries for anxiety and regression. *Journal of Clinical Psychology*, 21(3):257-264, 1965. (Also acknowledges MH-1733).
- RICKELS, K., and DOWNING, R.: Personality and attitudinal correlates of response to drug treatment in psychiatric outpatients: Theoretical orientation and measuring instruments to be employed. *Journal of Psychology*, 54:331-344, 1962.
- RICKELS, KARL, and DOWNING, ROBERT: Verbal ability (intelligence) and improvement in drug therapy of neurotic patients. *Journal of New Drugs*, 5(5):303-307, 1965.
- RICKELS, KARL, DOWNING, R., and APPEL, H.: Some personality correlates of suggestibility in normals and neurotics. *Psychological Reports*, 14:715-719, 1964.
- RICKELS, KARL, DOWNING, ROBERT W., and DOWNING, MILDRED H.: Personality differences between somatically and psychologically oriented neurotic patients. *Journal of Nervous and Mental Disease*, 142(1):10-18, 1966.
- RICKELS, K., and EWING, J. H.: The methacholine and cold pressor tests as indicators of autonomic reactivity in mental states. *Journal of Clinical Experimental Psychopathology*, 20:303-314, 1959.
- RICKELS, K., and EWING, J. H.: Psychophysical responses to cold-pressor stress as altered by pharmacological agents in normal and schizophrenic subjects. In: Rothlin, E., ed. *Neuro-psychopharmacology*. Vol. 2. Amsterdam, Elsevier, 1961, p. 268-272.
- RICKELS, KARL, RAAB, E., and CARRANZA, J.: Doctor medication guesses: An indicator of clinical improvement in double-blind studies. A contribution to the methodology of psychiatric drug evaluation. *Journal of New Drugs*, 5(2):67-71, 1965.
- RICKELS, KARL, and SNOW, L.: Clinical use of meprobamate. In: Nodine, J. H., and Moyer, J. H., eds. *Psychosomatic medicine, The First Habnemann Symposium*. Philadelphia, Lea & Febiger, 1962, p. 502-507.
- RICKELS, KARL, and SNOW, LAURENCE: Nephrotoxicity and phenobarbital sodium in anxious neurotic psychiatric and medical clinical outpatients. *Psychopharmacologia*, 5:339-348, 1964.
- RICKELS, K., SNOW, L., BAUMM, C., and MOCK, J.: Controlled evaluations of several tranquilizing agents in anxious neurotic patients. *American Journal of Psychiatry*, 119:1093-1094, 1963.
- RICKELS, K., WARD, C., and SNOW, L.: Nialamide and placebo in depressed psychiatric clinic patients. *Diseases of the Nervous System*, 24:548-550, 1963.
- SNOW, L. H., and RICKELS, K.: The controlled evaluation of imipramine and amitriptyline in hospitalized depressed psychiatric patients. *Psychopharmacologia*, 5:409-416, 1964.
- WARD, C., and RICKELS, K.: The double blind drug study as a teaching device. *Journal of Medical Education*, 36:410-415, 1961.
- MH-2936 (R01) HOAGLAND, HUDSON, and RESNICK, OSCAR: Mechanism of action of psychic energizers. Worcester Foundation for Experimental Biology, Shrewsbury, Mass. (1959-64)
- RESNICK, O.: The metabolism of orally ingested epinephrine in man. *Life Sciences*, 9:629-636, 1963.
- RESNICK, O., and FREEMAN, H.: Epinephrine metabolism in normal and psychotic man. *Archives of General Psychiatry*, 6(5):388-394, 1962.

- RESNICK, O., HAGOPIAN, M., and FREEMAN, H.: The alteration of epinephrine metabolism in man. (Abstract) *Federation Proceedings*, 19:508, 1960.
- RESNICK, O., HAGOPIAN, M., HOAGLAND, H., and FREEMAN, H.: An "in vivo" test for measuring monoamine oxidase inhibition in human subjects. *Archives of General Psychiatry*, 2:459-461, 1960.
- RESNICK, O., KRUS, D., RASKIN, M., and FREEMAN, H.: Reserpine action in subjects treated with monoamine oxidase inhibitors. *A. M. A. Archives of General Psychiatry*, 8:481-486, 1963. (Also acknowledges MH-2262).
- RESNICK, O., KRUS, D., RASKIN, M., and FREEMAN, H.: The effects of orally ingested L-tryptophan in MAO inhibited subjects. (Abstract) *Federation Proceedings*, 22(2)Part 1:510, 1963. (Also acknowledges MH-2262).
- RESNICK, O., KRUS, D. M., RASKIN, M., and HOAGLAND, H.: Reversal of LSD-25 action by chronic pretreatment with Marplan in humans. *Federation Proceedings*, 23:175, 1964. (Also acknowledges MH-2262).
- RESNICK, O., KRUS, D., RASKIN, M., RIVERA, M., and FREEMAN, H.: The effect of pretreatment with monoamine oxidase inhibitors on reserpine action in normal subjects and in schizophrenic patients. In: *Proceedings of the 3rd World Congress of Psychiatry*. Vol. 1. Montreal, University of Toronto Press/McGill University Press, 1961, p. 638-642. (Also acknowledges MH-2262).
- MH-2938 (R01) BLUMBERG, ARNOLD G., and GOLDENBERG, HARRY: Relation of mecholyl test to catechol amine excretion. Hillside Hospital, Glen Oaks, N.Y. (1959-65)
- BLUMBERG, ARNOLD G.: Reproducibility of the mecholyl test. *Psychosomatic Medicine*, 22:32-41, 1960. (Also acknowledges MH-1536).
- BLUMBERG, ARNOLD G., and GOLDENBERG, HARRY: Relation of the mecholyl test catechol amine excretion. *Proceedings of the Society for Experimental Biology and Medicine*, 106:867, 1961.
- BLUMBERG, ARNOLD G., and KLEIN, DONALD F.: Methoxy-catecholamine excretion and the mecholyl test. *Journal of Psychiatric Research*, 3(4):239-254, 1965.
- BLUMBERG, A. G., KLEIN, D. F., and POLLACK, M.: Age related changes in blood pressure with chlorpromazine and imipramine. (Abstract) *Excerpta Medica, Sixth International Congress of Gerontology, International Congress Series*, 57: 195, 1963. (Also acknowledges MH-4798).
- BLUMBERG, A. G., KLEIN, D. F., and POLLACK, M.: Effects of chlorpromazine and imipramine on systolic blood pressure in psychiatric patients: Relationships to age, diagnosis and initial blood pressure. *Journal of Psychiatric Research*, 2:51-60, 1964. (Also acknowledges MH-2715 and MH-4798).
- FINK, MAX, POLLACK, M., KLEIN, D. F., BLUMBERG, A. G., BELMONT, I., KARP, E., KRAMER, J. C., and WILLNER, A.: Comparative studies of chlorpromazine and imipramine. I. Drug discriminating patterns. In: Bradley, P. B., ed. *Neuro-psychopharmacology*. Vol. 3. Amsterdam, Elsevier, 1963, p. 370-372. (Also acknowledges MH-2715 and MH-4798).
- GOLDENBERG, HARRY, and FISHMAN, VIVIAN: Species dependence of chlorpromazine metabolism. *Proceedings of the Society for Experimental Biology and Medicine*, 108:178-182, 1961. (Also acknowledges MH-3929; MH-2461 and MH-1305).
- GOLDENBERG, H., and WHITE, D. L.: A new fluorometric reaction for determination of the 3-O-methyl catecholamines. *Clinical Chemistry*, 8: 453, 1962.
- POLLACK, MAX, KLEIN, DONALD F., WILLNER, ARTHUR, BLUMBERG, ARNOLD, and FINK, MAX: Imipramine-induced behavioral disorganization in schizophrenic patients: Physiological and psychological correlates. In: Wortis, Joseph, ed. *Recent advances in biological psychiatry*. Vol. 7. New York, Plenum Press, 1964, p. 53-61. (Also acknowledges MH-2715 and MH-4798).
- MH-2939 (R01) BERMAN, A. J., and KNAPP, HARRIET D.: Conditioned responses with deafferented limb. Jewish Chronic Disease Hospital, Brooklyn, N.Y. (1959-61)
- BERMAN, A. J., TAUB, E., POMINA, A. C., and KNAPP, H. D.: Further observations on deafferentation in the monkey. In: *Transactions of the American Neurological Association*, 1960, p. 198-199.
- KNAPP, H. D., TAUB, E., and BERMAN, A. J.: Movements in monkeys with deafferented forelimbs. *Experimental Neurology*, 7(4):305-315, 1963.
- MH-2940 (R01) LEFTON, MARK, and PATTERSON, RALPH M.: Evaluation of ward social structure. Columbus Psychiatric Institute and Hospital, Columbus, Ohio. (1959-62)
- DINITZ, SIMON, LEFTON, MARK, and PASAMANICK, BENJAMIN: Status perceptions in a mental hospital. *Social Forces*, 38:124-128, 1959.
- LEFTON, MARK, DINITZ, SIMON, and PASAMANICK, BENJAMIN: Decision-making in a mental hospital: Real, perceived and ideal. *American Sociological Review*, 24:822-829, 1959.

- LEFTON, MARK, DINITZ, SIMON, and PASAMANICK, BENJAMIN: Mental hospital organization and staff evaluation of patients. *A. M. A. Archives of General Psychiatry*, 2:462-467, 1960.
- LEFTON, MARK, RETTIG, SALOMON, DINITZ, SIMON, and PASAMANICK, BENJAMIN: Status perceptions of psychiatric social workers and their implications for work satisfaction. *American Journal of Orthopsychiatry*, 31:102-110, 1961.
- PASAMANICK, BENJAMIN, DINITZ, SIMON, and LEFTON, MARK: Psychiatric orientation and its relation to diagnosis and treatment in a mental hospital. *American Journal of Psychiatry*, 116: 127-132, 1959.
- MH-2946 (R01) McCONNELL, JAMES V., and CLAY, MARGARET L.: Learning and regenerative processes. University of Michigan, Ann Arbor, Michigan. (1959-64)
- CLAY, M. L.: The feeding and care of planaria. *Worm Runner's Digest*, 1(1):6-9, 1959.
- COHEN, JOEL R.: Diurnal cycles and maze learning in planarians. *Worm Runner's Digest*, 7(1):20-23, 1965.
- CORNWELL, G., and CORNWELL, P.: Planaria running procedure. *Worm Runner's Digest*, 1(1): 3-5, 1959.
- CORNWELL, G., and CORNWELL, P.: Inter-judge agreement in the scoring of conditioned responses in the planarian. *Worm Runner's Digest*, 2(3): 118, 1960.
- CORNWELL, G., CORNWELL, P., and CLAY, M.: Retention of a conditioned response following regeneration in the planarian. *Worm Runner's Digest*, 3(1):34-38, 1961.
- CORNWELL, P.: Classical conditioning with massed trials in the planarian. *Worm Runner's Digest*, 2(2):34-39, 1960.
- CORNWELL, P.: A preliminary study of pseudo-conditioning under conditions of massed stimulation in the planarian. *Worm Runner's Digest*, 2(3): 101-108, 1960.
- CORNWELL, P.: An attempted replication of studies by Halas et al. and by Thompson and McConnell. *Worm Runner's Digest*, 3(2):91-98, 1961.
- HUMPHRIES, B.: Maze learning in planaria. *Worm Runner's Digest*, 3(2):114-116, 1961.
- HUMPHRIES, B. M., and JACOBSON, R.: The effects of ingestion of conditioned planaria on the response level of naive planaria. *Worm Runner's Digest*, 3(3):165-169, 1961.
- HUMPHRIES, B., and McCONNELL, J. V.: Factors affecting maze learning in planarians. *Worm Runner's Digest*, 6(1):52-59, 1964.
- JACOBSON, A. L.: Learning in flatworms and annelids. *Psychological Bulletin*, 60(1):74-94, 1963.
- JACOBSON, A., and JACOBSON, R.: Maze learning in planaria—a case history. *Worm Runner's Digest*, 5(1):69-71, 1963.
- JACOBSON, A. L., and McCONNELL, J. V.: Research on learning in the planarian. *Carolina Tips*, 25(7):25-27, 1962.
- JACOBSON, R.: Results of studies of planaria. *Worm Runner's Digest*, 1(1):10-12, 1959.
- JACOBSON, R.: A semi-annotated bibliography of research on planaria and other assorted beasts: Part I. *Worm Runner's Digest*, 4(1):81-90, 1962.
- JACOBSON, R., and CLAY, MARGARET L.: A semi-annotated bibliography of research on planarians and other assorted beasts: Part II. *Worm Runner's Digest*, 5(1):93-101, 1963.
- JACOBSON, REEVA, and JACOBSON, ALLAN L.: An annotated bibliography of research on planarians: Part III. *Worm Runner's Digest*, 2:88-107, 1963.
- McCONNELL, JAMES V.: Memory transfer through cannibalism in planarians. *Journal of Neuropsychiatry*, 3(Suppl. 1):s42-s48, 1962.
- McCONNELL, JAMES V.: Cannibalism and memory in flatworms. *New Scientist*, 21(379):465-468, 1964.
- McCONNELL, JAMES V.: On the turning of worms: A reply to James and Halas. *Psychological Record*, 14:13-20, 1964.
- McCONNELL, J. V.: The continental approach (to worms). *Worm Runner's Digest*, 6(1):32-39, 1964.
- McCONNELL, JAMES V., CORNWELL, P., and CLAY, M. L.: An apparatus for conditioning planaria. *American Journal of Psychology*, 73:618-622, 1960.
- McCONNELL, J. V., and JACOBSON, A.: Transfer of training through cannibalism in planaria. *Worm Runner's Digest*, 4(1):41-46, 1962.
- McCONNELL, J. V., JACOBSON, R., and HUMPHRIES, B. M.: The effects of ingestion of conditioned planaria on the response level of naive planaria. A pilot study (Or: You are what you eat?). *Worm Runner's Digest*, 3(1):41-47, 1961.
- MOSEAR, U., and CLAY, M. L.: An annotated bibliography of research on planarians: Part IV. *Worm Runner's Digest*, 6(1):91-114, 1964.
- SALIVE, H.: An operant test chamber for planaria using a force transducer. *Worm Runner's Digest*, 4(1):63-66, 1962.
- SHINKMAN, P. G., and KORNBLITH, C. L.: Comment on observer bias in classical conditioning of the planarian. *Psychological Reports*, 16:56, 1965.

- apparatus for injecting planarians. *Perceptual and Motor Skills*, 20(3)Part 2:726-728, 1965.
- ZELMAN, A., KABAT, L., JACOBSON, R., and MCCONNELL, J. V.: Transfer of training through injection of "conditioned" RNA into untrained planarians. *Worm Runner's Digest*, 5(1):14-21, 1963.
- MH-2948 (R01) HEINICKE, CHRISTOPH M., and REIDER, NORMAN: Change in children and the intensity of psychotherapy. Mount Zion Hospital and Medical Center, San Francisco, Calif. (1959-63).
- HEINICKE, C. M., and GOLDMAN, A.: Research on psychotherapy with children: A review and suggestions for further study. *American Journal of Orthopsychiatry*, 30:483-494, 1960.
- MH-2949 (R01) MILLER, NEAL E., BARRY, HERBERT, III, and DAVIS, JOHN D.: Analysis of drug effects on fear and conflict. Yale University, New Haven, Conn. (1959-66).
- BARRY, H., III, and BARRY, H., JR.: Season of birth: An epidemiological study in psychiatry. *Archives of General Psychiatry*, 5:292-300, 1961.
- BARRY, HERBERT, III, ETHEREDGE, EDWARD E., and MILLER, NEAL E.: Counterconditioning and extinction of fear fail to transfer from amobarbital to nondrug state. *Psychopharmacologia*, 8:150-156, 1965.
- BARRY, H., III, and MILLER, N. E.: Effects of drugs on approach-avoidance conflict tested repeatedly by means of a "telescope alley." *Journal of Comparative and Physiological Psychology*, 55:201-210, 1962. (Also acknowledges MH-647).
- BARRY, H., III, and MILLER, N. E.: Comparison of drug effects on approach, avoidance, and escape motivation. *Journal of Comparative and Physiological Psychology*, 59(1):18-24, 1965.
- BARRY, H., III, MILLER, N. E., and TIDD, GAIL E.: Control for stimulus change while testing effects of amobarbital on conflict. *Journal of Comparative and Physiological Psychology*, 55:1071-1074, 1962.
- BARRY, H., III, and SYMMES, D.: Reinforcing effects of illumination change in different phases of the rat's diurnal cycle. *Journal of Comparative and Physiological Psychology*, 56:117-119, 1963.
- BARRY, H., III, WAGNER, A. R., and MILLER, N. E.: Effects of alcohol and amobarbital on performance inhibited by experimental extinction. *Journal of Comparative and Physiological Psychology*, 55:464-468, 1962.
- BARRY, HERBERT, III, WAGNER, SYLVIA, and MILLER, NEAL E.: Effects of drugs on rate of operant
- BARRY, H., III, WAGNER, SYLVIA A., and MILLER, N. E.: Effects of several drugs on performance in an approach-avoidance conflict. *Psychological Reports*, 12:215-221, 1963. (Also acknowledges MH-647).
- BOOTH, DAVID A., and QUARTERMAIN, DAVID: Taste sensitivity of eating elicited by chemical stimulation of the rat hypothalamus. *Psychonomic Science*, 3(11):525-526, 1965.
- CHI, CARL C.: The effect of amobarbital sodium on conditioned fear as measured by the potentiated startle response in rats. *Psychopharmacologia*, 7: 115-122, 1965.
- DAVIS, JOHN D.: Food intake following blood mixing of hungry and satiated rats. *Psychonomic Science*, 3(5):177-178, 1965.
- DAVIS, JOHN D., and ELLISON, GAYLORD D.: A general purpose activity recorder with variable sensitivity. *Journal of the Experimental Analysis of Behavior*, 7(1):117-118, 1964.
- DAVIS, J. D., and MILLER, N. E.: Fear and pain: Their effect on self-injection of amobarbital sodium by rats. *Science*, 141:1286-1287, 1963.
- ELLISON, G., and DAVIS, J. D.: A general purpose activity recorder with variable sensitivity. *Journal of the Experimental Analysis of Behavior*, 7:117-118, 1964.
- GROSSMAN, SEBASTIAN P.: Effects of chlorpromazine and perphenazine on bar-pressing performance in an approach-avoidance conflict. *Journal of Comparative and Physiological Psychology*, 54:517-521, 1961.
- GROSSMAN, S. P.: Direct adrenergic and cholinergic stimulation of hypothalamic mechanisms. *American Journal of Physiology*, 202:872-882, 1962.
- GROSSMAN, S. P.: Effects of adrenergic and cholinergic blocking agents on hypothalamic mechanisms. *American Journal of Physiology*, 202:1230-1236, 1962.
- GROSSMAN, S. P., and MILLER, N. E.: Control for stimulus-change in the evaluation of alcohol and chlorpromazine as fear-reducing drugs. *Psychopharmacologia*, 2:342-351, 1961.
- KENYON, JOHN, and KRIECKHAUS, E. E.: Decrements in one-way avoidance learning following septal lesions in rats. *Psychonomic Science*, 3(3): 113-114, 1965.
- KRIECKHAUS, E. E., MILLER, NEAL E., and ZIMMERMAN, PATRICIA: Reduction of freezing behavior and improvement of shock avoidance by d-amphetamine. *Journal of Comparative and Physiological Psychology*, 60(1):36-40, 1965.

- LEATON, R. N., SYMMES, D., and BARRY, H., III. Familiarization with the test apparatus as a factor in the reinforcing effect of change in illumination. *Journal of Psychology*, 55:145-151, 1963.
- MILLER, N. E.: Motivational effects of brain stimulation and drugs. *Federation Proceedings*, 19:846-854, 1960. (Also acknowledges MH-647).
- MILLER, N. E.: Some recent studies of conflict behavior and drugs. *American Psychologist*, 16: 12-24, 1961. (Also acknowledges MH-647).
- MILLER, NEAL E.: Some motivational effects of electrical and chemical stimulation of the brain. *Electroencephalography and Clinical Neurophysiology*, Supplement 24:247-259, 1963. (Also acknowledges MH-647).
- MILLER, N. E.: Some reflections on the law of effect produce a new alternative to drive reduction. In: Nebraska Symposium on Motivation. Lincoln, Nebraska, University of Nebraska Press, 1963, p. 65-112. (Also acknowledges MH-647).
- MILLER, N. E.: Animal experiments on emotionally-induced ulcers. Proceedings of Third World Congress of Psychiatry. Vol. 3. Montreal, University of Toronto Press/McGill University Press, 1963, p. 213-219.
- MILLER, NEAL E.: Some psychophysiological studies of motivation and of the behavioral effects of illness. *Bulletin of British Psychological Society*, 17:1-20, 1964. (Also acknowledges MH-647).
- MILLER, N. E.: The analysis of motivational effects illustrated by experiments on yamlobarbitone sodium. In: Steinberg, H., de Reuck, A. V. S., and Knight, J., eds. *Ciba Foundation symposium. Co-ordinating committee for symposia on drug action on animal behavior and drug action*. London, J. & A. Churchill, 1964, p. 1-18.
- MILLER, N. E.: Some implications of modern behavior theory for personality and psychotherapy. In: Byrne, D., and Worchel, P., eds. *Personality change*. New York, Wiley, 1964, p. 149-175. (Also acknowledges MH-647).
- MILLER, NEAL E.: Some animal experiments pertinent to the problem of combining psychotherapy with drug therapy. *Comprehensive Psychiatry*, 7(1):1-12, 1966.
- MILLER, N. E., and BARRY, H., III. Motivational effects of drugs: Methods which illustrate some general problems in psychopharmacology. *Psychopharmacologia*, 1:169-199, 1960. (Also acknowledges MH-647).
- MILLER, N. E., GOTTESMAN, K. S., and EMERY, N.: Dose-response to carbachol and norepinephrine in rat's hypothalamus. *American Journal of Physiology*, 206:1384-1388, 1964. (Also acknowledges MH-647).
- MILLER, N. E., GOTTESMAN, K. S., and HOLMES, J. E.: Effects of chemostimulation of brain and of bacterial endotoxins on eating and drinking. *Science*, 136(3516):327-328, 1962.
- QUARTERMAIN, DAVID, PAOLINO, RONALD M., and MILLER, NEAL E.: A brief temporal gradient of retrograde amnesia independent of situational change. *Science*, 149:1116-1118, 1965.
- STRICKER, EDWARD M.: The rat's preference for saline solutions as measured by licking reinforced on a variable interval schedule. *Psychonomic Science*, 5(5):205-206, 1966.
- SYMMES, D., and LEATON, R. N.: Failure to observe reinforcing properties of sound onset in rats. *Psychological Reports*, 10:458, 1962.
- WEEKS, J. R., and DAVIS, J. D.: Chronic intravenous cannulas for rats. *Journal of Applied Physiology*, 19:540-541, 1964.
- WILLIAMS, DAVID R., and BARRY, HERBERT, III.: Counter conditioning in an operant conflict situation. *Journal of Comparative and Physiological Psychology*, 61(1):154-156, 1966.
- WOLF, GEORGE: Sodium appetite elicited by aldosterone. *Psychonomic Science*, 1:211-212, 1964.
- WOLF, GEORGE: Effect of deoxycorticosterone on sodium appetite of intact and adrenalectomized rats. *American Journal of Physiology*, 208(6): 1281-1285, 1965.
- WOLF, GEORGE, DAHL, LEWIS, K., and MILLER, NEAL E.: Voluntary sodium chloride intake of two strains of rats with opposite genetic susceptibility to experimental hypertension. *Proceedings of the Society for Experimental Biology and Medicine*, 120(2):301-305, 1965.
- WOLF, GEORGE, and LAWRENCE, GEORGE H.: Saline preference curve for mice: Lack of relationship to pigmentation. *Nature*, 200:1025-1026, 1963.
- WOLF, G., and MILLER, N. E.: Lateral hypothalamic lesions: Effects on drinking elicited by carbachol in preoptic area and posterior hypothalamus. *Science*, 143:585-587, 1964.
- MH-2950 (R01) AX, ALBERT F., BECKETT, PETER G., and TOURNEY, GARFIELD: Human psychophysiology research methodology. Lafayette Clinic, Detroit, Mich. (1959-62)
- AX, ALBERT F.: Psychophysiological methodology for the study of schizophrenia. In: Roessler, Robert, and Greenfield, Norman S., eds. *Physiological correlates of psychological disorder*. Madison, Wisc., University of Wisconsin Press, 1962, p. 29-44.
- AX, A. F., BECKETT, P. G. S., COHEN, B. D., FROHMAN, C. E., TOURNEY, G., and GOTTLIEB, J. S.: Psychophysiological patterns in chronic schizo-



- phrenia. In: Wortis, Joseph, ed. *Recent advances in biological psychiatry*. Vol. 4. New York, Plenum Press, 1962, p. 218-231.
- AX, A. F., SINGER, S. J., ZACHARY, G., GUDOBBA, R. D., and GOTTLIEB, J. S.: Psychophysiological data retrieval and utilization. *Annals of the New York Academy of Sciences*, 115:890-904, 1964.
- COHEN, BERTRAM D., GISELL, JAMES L., and AX, ALBERT F.: The effects of voluntary sleep loss on psychological and physiological functions. *Proceedings of the 3rd World Congress of Psychiatry*. Vol. 2. Montreal, University of Toronto Press/McGill University Press, 1961, p. 986-991.
- ZACHAROPOULOS, GEORGE, and AX, ALBERT F.: Psychophysiological data processing. In: Digest of the 1961 International Conference on Medical Electronics. New York, N.Y., 1961, p. 42-45.
- MH-2953 (R01) DINITZ, SIMON, CRAIG, JAMES B., and LEFTON, MARK: Effects of hospitalization on case outcome. Columbus Psychiatric Institute and Hospital, Columbus, Ohio. (1959-61)
- ANGRIST, SHIRLEY, DINITZ, SIMON, LEFTON, MARK, and PASAMANICK, BENJAMIN: Rehospitalization of female mental patients: Social and psychological factors. *Archives of General Psychiatry*, 4:363-370, 1961.
- ANGRIST, SHIRLEY, LEFTON, MARK, DINITZ, SIMON, and PASAMANICK, BENJAMIN: Tolerance of deviant behavior, posthospital performance levels, and rehospitization. *Proceedings of the 3rd World Congress of Psychiatry*. Vol. 1. Montreal, University of Toronto Press/McGill University Press, 1962, p. 237-241.
- DINITZ, SIMON, ANGRIST, SHIRLEY, LEFTON, MARK, and PASAMANICK, BENJAMIN: The posthospital psychological functioning of former mental hospital patients. *Mental Health*, 45:579-588, 1961.
- DINITZ, SIMON, ANGRIST, SHIRLEY, LEFTON, MARK, and PASAMANICK, BENJAMIN: Instrumental role expectations and posthospital performance of female mental patients. *Social Forces*, 40:248-254, 1962.
- DINITZ, SIMON, LEFTON, MARK, ANGRIST, SHIRLEY, and PASAMANICK, BENJAMIN: Psychiatric and social attributes as predictors of case outcome in mental hospitalization. *Social Problems*, 8:322-328, 1961.
- DINITZ, S., LEFTON, M., ANGRIST, S., and PASAMANICK, B.: The outcome of mental hospitalization: A study in prognosis. *Psychiatric Research Reports*, No. 15, 1962.
- DINITZ, SIMON, LEFTON, MARK, ANGRIST, SHIRLEY, and PASAMANICK, BENJAMIN: The post-hospital functioning of female mental patients: An exploration in prognosis. *Psychiatric Research Reports*, 15:154-163, 1962.
- LEFTON, MARK, ANGRIST, SHIRLEY, DINITZ, SIMON, and PASAMANICK, BENJAMIN: Social class, expectations, and performance of mental patients. *American Journal of Sociology*, 68:79-87, 1962.
- PASAMANICK, BENJAMIN, and RISTINE, LEONARD: Differential assessment of posthospital psychological functioning: Evaluations by psychiatrists and relatives. *American Journal of Psychiatry*, 117:40-46, 1961.
- MH-2957 (R01) HOWELL, JOHN C., and PREISS, JACK J.: Role image of the police officer. Michigan State University, East Lansing, Mich. (1959-61)
- EHRICH, HOWARD J., RINEHART, JAMES W., and HOWELL, JOHN C.: The study of role conflict: Explorations in methodology. *Sociometry*, 25:85-97, 1962.
- MH-2959 (R01) BARE, JOHN K.: Studies in hunger. Carleton College, Northfield, Minn. (1959-64)
- BARE, JOHN K., and CICALA, GEORGE: Deprivation and time of testing as determinants of food intake. *Journal of Comparative and Physiological Psychology*, 53:151-154, 1960.
- MH-2961 (R01) HEFFERLINE, RALPH F.: Electropsychology of verbal and subverbal processes. Columbia University, New York, N.Y. (1959-63)
- BIRCH, JEREMY D.: Differentiation of response characteristics during multiple fixed ratio extinction. *Psychological Reports*, 15:495-502, 1964.
- GENTRY, T. A.: Inexpensive plug-in circuits. *Journal of the Experimental Analysis of Behavior*, 5:460, 1962.
- HEFFERLINE, R. F.: Learning theory and clinical psychology—an eventual symbiosis? In: Bachrach, A., ed. *Experimental foundations of clinical psychology*. New York, Basic Books, 1962, p. 97-138.
- HEFFERLINE, R. F., BIRCH, J. D., and GENTRY, T.: Simple transducers to detect or record operant amplitude. *Journal of the Experimental Analysis of Behavior*, 4:257-261, 1961.
- HEFFERLINE, R. F., and KEENAN, B.: Amplitude-induction gradient of a small human operant in an escape-avoidance situation. *Journal of the Experimental Analysis of Behavior*, 4:41-43, 1961.
- HEFFERLINE, R. F., and KEENAN, B.: Amplitude-induction gradient of a small-scale (covert) operant. *Journal of the Experimental Analysis of Behavior*, 6:307-315, 1963.
- HEFFERLINE, R. F., KEENAN, B., and HARFORD, R. A.: Escape and avoidance conditioning in

- HEFFERLINE, R. F., KEENAN, B., HARFORD, R. A., and BIRCH, J.: Electronics in psychology. *Columbia Engineering Quarterly*, 13:10-15, 1960.
- HEFFERLINE, R. F., and PERERA, T. B.: Proprioceptive discrimination of a covert operant without its observation by the subject. *Science*, 139:834-835, 1963.
- KAUFMAN, A.: Effects of punishment intensity on human operant behavior. *Psychological Reports*, 15:287-294, 1964. (Also acknowledges MH-3673).
- KAUFMAN, ARNOLD: Punishment shock intensity and basal skin resistance. *Journal of the Experimental Analysis of Behavior*, 8(6):389-394, 1965. (Also acknowledges MH-3673).
- SASMOR, ROBERT M.: Operant conditioning of a small-scale muscle response. *Journal of the Experimental Analysis of Behavior*, 9(1):69-85, 1966.
- MH-2963 (R01) HAWKES, GLENN R.: Noncontinuous mothering and child health. Iowa State University, Ames, Iowa. (1959-61)
- GARDNER, D. BRUCE, HAWKES, GLENN R., and BURCHINAL, LHE: Noncontinuous mothering in infancy and development in later childhood. *Child Development*, 32:225-234, 1961.
- PEASE, DAMARIS, and HAWKES, GLENN R.: Observation and parent-child interaction. *American Journal of Orthopsychiatry*, 30:453-459, 1960.
- PEASE, DAMARIS, ROSAUER, JOSEPHINE, and WOLINS, LEROY: Reliability of three infant developmental scales administered during the first year of life. *Journal of Genetic Psychology*, 98:295-298, 1961.
- MH-2967 (R01) HOAGLAND, HUDSON, and BERGEN, JOHN R.: Endogenous psychotogens and related substances. Worcester Foundation for Experimental Biology, Shrewsbury, Mass. (1959- )
- BERGEN, JOHN R., CZICMAN, JOHN S., and KOELLA, WERNER P.: Influence of a plasma protein fraction from schizophrenic and normal persons upon the optic evoked response in the rabbit. *Journal of Neuropsychiatry*, 4:219-223, 1963. (Also acknowledges MH-2211).
- BERGEN, J. R., and GRAY, F. W.: Effects of plasma fractions from non-psychotic patients on trained rat performance. *Federation Proceedings*, 23(2):360, 1964.
- BERGEN, J. R., GRAY, F. W., PENNELL, R. B., FREEMAN, H., and HOAGLAND, H.: Taraxacin-like extracts. *Archives of General Psychiatry*, 12:80-82, 1965.
- induced by plasma globulins from schizophrenics. (Abstract) *Federation Proceedings*, 20(1):305, 1961 (Also acknowledges MH-2211).
- BERGEN, J. R., KOELLA, W. P., FREEMAN, H., and HOAGLAND, H.: A human plasma factor inducing behavioral and electrophysiological changes in animals. II. Changes induced in animals. *Annals of the New York Academy of Sciences*, 96:469-476, 1962.
- BERGEN, J. R., KRUS, D. M., BEISAW, N. E., KOELLA, W. P., and PINCUS, G.: Central nervous system and behavior: Some properties of progesterone. *Excerpta Medica*, 51:117, 1962. (Also acknowledges MH-2211 and MH-2262).
- BERGEN, J. R., PENNELL, R. B., SARAVIS, C. A., and HOAGLAND, H.: Stabilization of a human blood factor causing behavior changes in rats. *Journal of Neuropsychiatry*, 2:201-204, 1961.
- BERGEN, JOHN R., PENNELL, ROBERT B., SARAVIS, CALVIN A., and HOAGLAND, HUDSON: Further experiments with plasma proteins from schizophrenics. In: Heath, Robert G., ed. *Serological fractions in schizophrenia*. New York, Harper & Row, 1963, p. 67-76.
- DIBNER, IRIS M., FELDSTEIN, AARON, FREEMAN, HARRY, and HOAGLAND, HUDSON: The metabolism of D,L-Tryptophan- $C^{14}$  in man and in rats. *Federation Proceedings*, 19(1)Part 1:1469, 1960.
- DIBNER, I., FELDSTEIN, A., HOAGLAND, H., and FREEMAN, H.: Metabolism of D,L-tryptophan- $C^{14}$  in man and in rats. (Abstract) *Federation Proceedings*, 19:3, 1960.
- HOAGLAND, H., PENNELL, R. B., BERGEN, J. R., SARAVIS, C. A., FREEMAN, H., and KOELLA, W. P.: Studies of plasma protein factors that may be involved in psychoses. In: Wortis, Joseph, ed. *Recent advances in biological psychiatry*. Vol. 4. New York, Plenum, 1962, p. 329-346.
- KRUS, D. M., WAPNER, S., BERGEN, J., and FREEMAN, H.: The influence of progesterone on behavioral changes induced by lysergic acid diethylamide (LSD-25) in normal males. *Psychopharmacologia*, 2:177-184, 1961. (Also acknowledges MH-2967).
- MH-2971 (R01) BEECHER, HENRY K.: Psychological responses to changes in blood chemistry. Massachusetts General Hospital, Boston, Mass. (1959-61)
- ANLIKER, J. E.: Variations in alpha voltage of the electroencephalogram and time perception. *Science*, 140:1307-1309, June 21, 1963. (Also acknowledges MH-987).
- SMITH, GENE M., and BEECHER, HENRY K.: Comparative sensitivity of three methods of evaluating

- drug-induced mood changes by a check list. (Abstract) *Federation Proceedings*, 23:175, 1964.
- SMITH, GENE M., EGBERT, LAWRENCE D., MARKOWITZ, ROBERT A., and BEECHER, HENRY K.: Tourniquet pain: An experimental method sensitive to morphine. (Abstract) *Federation Proceedings*, 24:548, 1965.
- MH-2972 (R01) JOHN, ERWIN R.: Electrical correlates of conditioning and perception. University of Rochester, Rochester, N.Y. (1959-63)
- JOHN, E. R.: High nervous functions: Brain functions and learning. *Annual Review of Physiology*, 23:451-484, 1961.
- JOHN, E. R.: Some speculations on the psychophysiology of mind. In: Scher, J., ed. *Theories of the mind*. New York, Free Press, 1962, p. 80-121. (Also acknowledges MH-2811).
- JOHN, E. R.: Neural mechanisms of decision making. In: Fields, W. S., and Abbot, W., eds. *Information storage and neural control*. Springfield, Ill., Charles C. Thomas, 1963, p. 243-282.
- JOHN, E. R., LEIMAN, A. L., and SACHS, E.: An exploration of the functional relationship between electroencephalographic potentials and differential inhibition. *Annals of the New York Academy of Sciences*, 92:1160-1182, 1961.
- MH-2980 (R01) MC CLELLAND, DAVID C.: Diagnostic significance of variations in fantasy. Harvard University, Cambridge, Mass. (1959- )
- GREENBERGER, ELLEN: Fantasies of women confronting death. *Journal of Consulting Psychology*, 29(3):252-260, 1965.
- KALIN, R.: Effects of alcohol on memory. *Journal of Abnormal and Social Psychology*, 69:635-641, 1964.
- MCCLELLAND, D. C.: Encouraging excellence. In: Daedalus. *Proceedings of the American Academy of Arts and Sciences*, November, 1960. Vol. 90. No. 4. Fall, 1961.
- MCCLELLAND, D. C.: The Harlequin complex. Essays on personality in honor of Henry A. Murray. In: White, R. W., ed. *The study of lives*. New York, Atherton Press, 1963, p. 94-119.
- WINTER, D. G., ALPERT, R., and MCCLELLAND, D. C.: The classic personal style. *Journal of Abnormal and Social Psychology*, 67(3):254-265, 1963.
- MH-2983 (R01) SIGEL, IRVING E.: Cognitive style and personality dynamics. Merrill Palmer Institute, Detroit, Mich. (1959-64)
- SIGEL, I. E.: How intelligence tests limit understanding of intelligence. *Merrill-Palmer Quarterly*, 9(4):39-56, 1963.
- SIGEL, IRVING E.: Rationale for separate analyses of male and female samples on cognitive tasks. *Psychological Record*, 15(3):369-376, 1965.
- MH-2985 (R01) COLVIN, RALPH W., and RITTER, ANNE M.: Parental attitudes and social growth of the retarded. Kennedy Child Study Center, New York, N.Y. (1960- )
- COLVIN, RALPH W.: Therapy-oriented diagnosis of the preschool retarded child and his family. In: Conference on the Psychological Problems in the Habilitation of the Mentally Retarded. Vineland, N.J., The Training School, 1962, p. 109-119.
- COLVIN, RALPH W., and RITTER, ANNE M.: The development of an integrated research-training day-care program for preschool retardates and their parents. I. The development of an interdisciplinary research project. In: Proceedings of the London Conference on the Scientific Study of Mental Deficiency. Essex, England, May & Baker, 1961, p. 342-347.
- RITTER, ANNE M., and COLVIN, RALPH W.: The development of an integrated research training day-care program for preschool retardates and their parents. II. Research data as the basis for a family study. In: Proceedings of the London Conference on the Scientific Study of Mental Deficiency. Essex, England, May & Baker, 1961, p. 348-352.
- MH-2987 (R01) HOMME, LLOYD E.: Analysis of a special case of timing behavior. University of Pittsburgh, Pittsburgh, Pa. (1959-60)
- TABER, JULIAN I., HOMME, LLOYD E., and CSANYI, ATTILA P.: The differentiation of human time estimations. *Journal of the Experimental Analysis of Behavior*, 4(4):299-304, 1961.
- MH-2988 (R01) MAY, RUPERT: Skin reactivity to histamine, serotonin, and procaine. Cleveland Psychiatric Institute and Hospital, Cleveland, Ohio. (1959-60)
- MAY, R. H., ADAMS, J. A., and BYLENGA, N. D.: Changes in skin reactivity during ethyltryptamine therapy. *Journal of Neuropsychiatry*. Suppl. 1: 111-113, 1961.
- MH-2991 (R01) FREYHAN, FRITZ A.: Clinical explorations of new psychotropic compounds. Delaware State Hospital, New Castle, Del. (1959-61)
- FREYHAN, F. A.: The modern treatment of depressive disorders. *American Journal of Psychiatry*, 116(12):1057-1064, 1960.
- FREYHAN, F. A.: The influence of specific and non-specific factors on the clinical effects of psychotropic drugs. *Neuropsychopharmacology*, 2:189-203, 1961.

- FREYHAN, F. A., and MERKEL, JOAN: Clinical and social aspects of compensatory drug treatment. In: Greenblatt, Milton, Lewinson, Daniel J., and Klerman, Gerald B., eds. *Mental patients in transition*. Springfield, Ill., Charles C. Thomas, 1961, p. 302-312.
- MH-3002 (R01) DULANEY, DONELSON E., JR.: Reinforcement of verbal behavior. University of Illinois, Urbana, Ill. (1959-62)
- DULANEY, DON E.: Hypotheses and habits in verbal "operant conditioning." *Journal of Abnormal and Social Psychology*, 63:251-263, 1961.
- DULANEY, DON E.: The place of hypotheses and intentions: An analysis of verbal control in verbal conditioning. *Journal of Personality*, 30:102-129, 1962. (Supplement Issue, Symposium on Behavior and Awareness.) Also in: Eriksen, C. W., ed. *Behavior and awareness*. Durham, N.C., Duke University, 1962.
- DULANEY, DON E., and O'CONNELL, W. D.: Does partial reinforcement dissociate verbal rules and the behavior they might be presumed to control? *Journal of Verbal Learning and Verbal Behavior*, 2:361-372, 1963.
- MH-3004 (R01) KIRK, H. DAVID: Adaptations to role handicap in adoptive family life. Whittier College, Whittier, Calif. (1959-61)
- KIRK, DAVID H.: Guarding the ramparts: Reader reactions to a magazine article questioning a social work prescription. *Social Worker (Canada)*, 30 (3):31-43, 1962.
- KIRK, DAVID H.: Nonfecund people as parents—some social and psychological considerations. *Fertility and Sterility*, 14(6):310-319, 1963.
- KIRK, DAVID H.: Differential sex preference in family formation—a serendipitous datum followed up. *Canadian Review of Sociology and Anthropology*, 1(1):31-48, 1964.
- KIRK, DAVID H.: The impact of drastic change on social relations: A model for the identification and specification of stress. In: Zollschan, G. K., and Hirsch, W., eds. *Explorations in social change*. Boston, Mass., Houghton Mifflin, 1964.
- KIRK, DAVID H.: Shared fate: A theory of adoption and mental health. New York, Free Press of Glencoe, 1964, 192 p.
- MH-3006 (R01) HANNA, CALVIN, and BROOKS, GEORGE W.: Tranquilizer withdrawal studies in schizophrenia. University of Vermont, Burlington, Vt. (1959-61) (Continued as MH-6572).
- DOWLING, P. C., and HANNA, C.: Depressant effect of biperiden on the spontaneous EEG and the EEG activation response. *Archives Internationales de Pharmacodynamie et de Therapie*, 143:565-573, 1963. (Also acknowledges MH-6572).
- HANNA, C., UPTON, P. D., and CHAMBERS, W. F.: Comparative effects of D-L-amphetamine and L-phengl-l-(Piperidyl-2)-1-acetoxy-1-methane (R. P. 8228) in antagonizing barbiturate hypnosis. *Archives Internationales de Pharmacodynamie et de Therapie*, 145:553-564, 1963. (Also acknowledges MH-6572).
- MH-3008 (R01) WITTENBORN, JOHN R.: Assessment methods for psychopharmacological research. The State University of Rutgers, New Brunswick, N.J. (1959-62)
- WITTENBORN, J. R.: The dimensions of psychosis. *Journal of Nervous and Mental Disease*, 134:117-128, 1962.
- WITTENBORN, J. R.: Rating scales in diagnosis. In: Nodine, John H., and Moyer, John H., eds. *Psychosomatic medicine*. First Hahnemann Symposium. Philadelphia, Lea & Febiger, 1962, p. 55-60. (Also acknowledges MH-2093 and MH-2525).
- WITTENBORN, J. R.: Distinctions within psychotic dimensions: A principal component analysis. *Journal of Nervous and Mental Disease*, 137:543-547, 1963.
- WITTENBORN, J. R.: Psychotic dimensions in male and female hospital patients: Principal component analyses. *Journal of Nervous and Mental Disease*, 138:460-467, 1964.
- WITTENBORN, J. R., and SMITH, J. B. K.: A comparison of psychotic dimensions in male and female hospital patients. *Journal of Nervous and Mental Disorders*, 138:375-382, 1964.
- MH-3014 (R17) RUFF, GEORGE E.: Stress produced by experimental isolation. University of Pennsylvania, Philadelphia, Pa. (1959-64)
- RUFF, G. E.: Psychological and psychophysiological indices of stress. In: Burns, N. M., Chambers, R. M., and Hendler, E.: *Unusual environments and human behavior*. New York, Free Press of Glencoe, 1963, p. 33-59.
- MH-3020 (R01) KOEGLER, RONALD R., MARKHAM, CHARLES, and SCHEIBEL, ARNOLD B.: Substrates for postural dysfunction in schizophrenia. University of California, Los Angeles, Calif. (1959-61)
- SCHEIBEL, ARNOLD, MARKHAM, CHARLES, and KOEGLER, RONALD: Neural correlates of the vestibuloocular reflex. *Neurology*, 11(12):1055-1065, 1961.
- MH-3026 (R01) RANK, BEATA, and KAPLAN, SAMUEL: Developmental study centered on mutual communication. James Jackson Putnam Childrens Center, Boston, Mass. (1959-61)

- RAZELTON, T. B.: The mother infant relationship. *Pediatrics*, 32:931-937, 1963.
- KAPLAN, SAMUEL, and RANK, BEATA: Communication and transitory creativity in response to a trauma. *Journal of the American Academy of Child Psychology*, 1(1):108-128, 1962.
- MH-3028 (R01) KLAUSNER, SAMUEL Z., and SILLS, DAVID L.: Individual decision-making to undertake psychotherapy. Columbia University, New York, N.Y. (1959-61)
- KADUSHIN, CHARLES: Social distance between client and professional. *American Journal of Sociology*, 67:517-531, 1962.
- MH-3029 (R01) BUCKLEY, JOSEPH P., and KINNARD, WILLIAM J., JR.: Evaluation and pharmacology of psychotropic agents. University of Pittsburgh, Pittsburgh, Pa. (1959- )
- UCKLEY, J. P., FURGUIELE, A. R., and KINNARD, W. J.: The pharmacology of beta-phenylisopropylhydrazine. *Federation Proceedings*, 19(1), 1960.
- OAD, PETER, COAD, RAYLENE A., DUBINSKY, BARRY, BUCKLEY, JOSEPH P., and KINNARD, WILLIAM: Synthesis and pharmacological study of pyridazines. I. Alkoxy pyridazines. *Journal of Medicinal Chemistry*, 8(1):129-131, 1965.
- DUBINSKY, BARRY, KINNARD, WILLIAM J., and BUCKLEY, JOSEPH P.: Pharmacological evaluation of a series of 3,6-substituted pyridazine derivatives. *Journal of Pharmaceutical Sciences*, 54(11):1632-1636, 1965.
- FURGUIELE, A. R., FARNSWORTH, N. R., and BUCKLEY, J. P.: False positive alkaloid reactions obtained with extracts of "piper methysticum" forst. (Piperaceae). *Journal of Pharmaceutical Sciences*, 51:1156-1162, 1962.
- FURGUIELE, A. R., KINNARD, W. J., ACETO, M. D., and BUCKLEY, J. P.: Psychopharmacological activity of certain aqueous fractions of *piper methysticum* forst. (Abstract) *Pharmacologist*, 4:153, 1962.
- FURGUIELE, A. R., KINNARD, W. J., ACETO, M. D., and BUCKLEY, J. P.: Central activity of aqueous extracts of piper methysticum (Kava). *Journal of Pharmaceutical Sciences*, 54(2):247-252, 1965.
- FURGUIELE, A. R., KINNARD, W. J., and BUCKLEY, J. P.: Evaluation of certain psychopharmacological compounds. *Journal of Pharmaceutical Sciences*, 50:252-254, 1961.
- FURGUIELE, A. R., KINNARD, W. J., and BUCKLEY, J. P.: Central effects of B-phenylisopropylhydrazine KINNARD, W. J., ACETO, M. D., and BUCKLEY, J. P.: Alteration of the temporal discrimination of the albino rat. (Abstract) *Pharmacologist*, 4:152, 1962.
- KINNARD, W. J., ACETO, M. D., and BUCKLEY, J. P.: The effects of certain psychotropic agents on the conditioned emotional response behavior pattern of the albino rat. *Psychopharmacologia*, 3: 227-230, 1962.
- O'HARA, MAUREEN J., KINNARD, WILLIAM J., and BUCKLEY, JOSEPH P.: Preliminary characterization of aqueous extracts of piper methysticum (Kava, Kava Kava). *Journal of Pharmaceutical Sciences*, 54(7):1021-1025, 1965.
- MH-3030 (R10) HOLLISTER, LEO E., and PRUSMACK, JOHN J.: Improved clinical screening of phenotropic drugs. Stanford University, Stanford, Calif. (1959- )
- FORREST, IRENE S., KANTER, SAUL L., SPERCO, JOSEPH E., and WECHSLER, MAGDALENA B.: A comprehensive determination of thioridazine and its metabolites in urine. *American Journal of Psychiatry*, 121(11):1049-1055, 1965.
- HARTMAN, A. M., and HOLLISTER, L. E.: Effect of mescaline, lysergic acid diethylamide and psilocybin on color perception. *Psychopharmacologia*, 4:441-451, 1963.
- HOLLISTER, L. E.: Clinical, biochemical and psychologic effects of psilocybin. *Archives Internationales de Pharmacodynamie et de Therapie*, 130:42-52, 1961.
- HOLLISTER, L. E.: Drug-induced psychoses and schizophrenic reactions. *Annals of the New York Academy of Sciences*, 96:80-88, 1962.
- HOLLISTER, L. E.: Studies of prolonged-action medication: II. Two phenothiazine tranquilizers (thioridazine and chlorpromazine) administered as coated tablets and prolonged-action preparations. *Current Therapeutic Research*, 4:417-479, 1962.
- HOLLISTER, L. E.: Studies of delayed-action medication. I. Meprobamate administered as compressed tablets and as two delayed-action capsules. *New England Journal of Medicine*, 266:281-283, 1962.
- HOLLISTER, L. E.: Thyroid function and psychotherapeutic drugs. *Journal of American Medical Association*, 185:890, 1963.
- HOLLISTER, LEO E.: Complications from psychotherapeutic drugs, 1964. *Clinical Pharmacology and Therapeutics*, 5:322-333, 1964.
- HOLLISTER, LEO E.: Clinical syndrome from LSD-25 compared with epinephrine. *Diseases of the Nervous System*, 25:427-429, 1964.

- HOLLISTER, L. E., and BENNETT, J. L.: Correspondence: Thyroid function and psychotherapeutic drugs. (Abstract) *Journal of the American Medical Association*, 185(11):890, 1963.
- HOLLISTER, L. E., BENNETT, J. L., KIMBELL, I., JR., SAVAGE, C., and OVERALL, J. E.: Diazepam in newly admitted schizophrenics. *Diseases of the Nervous System*, 24(12):746-750, 1963. (Also acknowledges MH-5144).
- HOLLISTER, L. E., DEGAN, R. O., and SCHULTZ, S. D.: An experimental approach to facilitation of psychotherapy by psychotomimetic drugs. *Journal of Mental Science*, 108(452):99-100, 1962.
- HOLLISTER, L. E., and GLAZENER, F. S.: Withdrawal reaction from meprobamate alone and combined with promazine: A controlled study. *Psychopharmacologia*, 1:336-341, 1960.
- HOLLISTER, L. E., and HARTMAN, A. M.: Mescaline, lysergic acid diethylamide and psilocybin: Comparison of clinical syndromes, effects on color perception and biochemical measures. *Journal of Comparative Psychiatry*, 3(4):235-241, 1962.
- HOLLISTER, L. E., KANTER, S. L., and CLYDE, D. J.: Studies of prolonged-action medication. III. Pentobarbital sodium in prolonged-action form compared with conventional capsules. Serum levels of drug and clinical effects following acute doses. *Clinical Pharmacology and Therapeutics*, 4(5):612-618, 1963.
- HOLLISTER, L. E., KANTER, S. L., and WRIGHT, A.: Comparison of intramuscular and oral administration of chlorpromazine and thioridazine. *Archives of International Pharmacodynamics*, 144(34):571-578, 1963.
- HOLLISTER, L. E., and MOTZENBECKER, F. P.: Haloperidol in schizophrenic reactions. *Journal of Neuropsychiatry*, 4(6):386-387, 1963.
- HOLLISTER, L. E., MOTZENBECKER, F. P., and DEGAN, R. O.: Withdrawal reactions from chlor-diazepoxide ("Librium"). *Psychopharmacologia*, 2:63-68, 1961.
- HOLLISTER, L. E., MOTZENBECKER, F. P., and PRUSMACK, J. J.: Nialamide: Clinical and toxicologic study. *Journal of Clinical and Experimental Psychopathology*, 21(3):212-216, 1960.
- HOLLISTER, L. E., PRUSMACK, J. J., PAULSEN, J., and ROSENQUIST, N.: Comparison of three psychotropic drugs (psilocybin, JB-329 and IT-209) in volunteer subjects. *Journal of Nervous and Mental Disease*, 131:428-434, 1960.
- HOLLISTER, L. E., and SJOBERG, BERNARD M.: Clinical syndromes and biochemical alterations following mescaline, lysergic acid diethylamide, psilocybin and a combination of the three psychomimetic drugs. *Comprehensive Psychiatry*, 5:170-178, 1964.
- HOLLISTER, L. E., TRAUB, L., and PRUSMACK, J. J.: Use of thioridazine for intensive treatment of schizophrenics refractory to other tranquilizing drugs. *Journal of Neuropsychiatry*, 1:200-204, 1960.
- KANTER, S.: Elimination of interference due to urea in the determination of meprobamate with p. dimethylaminobenzoaldehyde. *Clinica Chimica Acta*, 8(1):2-4, 1963.
- SJOBERG, B. M., JR., and HOLLISTER, L. E.: The effects of psychotomimetic drugs on primary suggestibility. *Psychopharmacologia*, 8(4):251-262, 1965.
- MH-3031 (R01) KLINE, NATHAN S., SAUNDERS, J. C., and SIMPSON, GEORGE: Drug induced endocrine changes. Rockland State Hospital, Orangeburg, N.Y. (1959-66)
- BLAIR, J. H., SIMPSON, G. M., and KLINE, N. S.: Monoamine oxidase inhibitor and sperm production. *Journal of the American Medical Association*, 181:172, 1962.
- COOPER, T. B., and CRANSWICK, E. H.: Iodoamino acid distribution in the serum of schizophrenic patients receiving perphenazine. *Life Sciences*, 7:527-531, 1963.
- CRANSWICK, E. H., ALLEN, D., COOPER, T. B., and PITI, T.: Vacuum manifold for use in erythrocyte uptake of T3 technic. *Clinical Chemistry*, 11(1):77-79, 1965.
- CRANSWICK, E. H., and COOPER, T. B.: Thyroxine serum protein complexes in schizophrenia. *Journal of Clinical Endocrinology and Metabolism*, 25(2):177-180, 1965.
- CRANSWICK, E. H., COOPER, T. B., and SIMPSON, G. M.: Two-year follow-up study of protein-bound iodine elevation in patients receiving perphenazine. *American Journal of Psychiatry*, 122(3):300-305, 1965.
- CRANSWICK, E. H., GRIFFIN, N., and GORTON, F.: Experiences with an improved design for a clinical gamma well detector. *American Journal of Medical Electronics*, 2:21-27, 1963.
- CRANSWICK, E. H., and MCFADDEN, P. L.: Improved equipment design for studies on thyroid uptake. *American Journal of Medical Electronics*, 1:108-111, 1962.
- CRANSWICK, E. H., SIMPSON, G. M., and NIES, A.: An abnormal thyroid finding produced by a phenothiazine. *Journal of the American Medical Association*, 181:554-555, 1962.
- SIMPSON, G. M., BLAIR, J. H., and NARTOWICZ, G. R.: Prolonged Achilles reflex in neurosyphilis simulating the "myxedema reflex." *New England Journal of Medicine*, 268:89-91, 1963.

- SIMPSON, G. M., BLAIR, J. H., and NARTOWICZ, G. R.: Diagnostic limitations of Achilles tendon reflex in thyroid disease. *New York State Journal of Medicine*, 63:1148-1153, 1963.
- SIMPSON, G. M., and COOPER, T. B.: Thyroid indices in chronic schizophrenia: III. *Journal of Nervous and Mental Disease*, 142(1):58-62, 1966.
- SIMPSON, G. M., CRANSWICK, E. H., and BLAIR, J. H.: Thyroid indices in chronic schizophrenia. *Journal of Nervous and Mental Disease*, 137:582-590, 1963.
- SIMPSON, G. M., CRANSWICK, E. H., and BLAIR, J. H.: Thyroid indices in chronic schizophrenia: II. *Journal of Nervous and Mental Disease*, 138: 581-585, 1964.
- MH-3032 (R01) MECHNER, FRANCIS, IRWIN, SAMUEL, OFFENKRANTZ, FREDERICK M., and SNAPPER, ARTHUR: Behavioral drug effects in animals and man. Schering Corp., Bloomfield, N.J. (1959-61)
- MECHNER, F., SNAPPER, ARTHUR G., and RAY, RONALD: Behavioral effects of methamphetamine and methylphenidate in rat and man. *Neuropsychopharmacology*, 2:167-171, 1961.
- MH-3033 (R01) WHITMAN, ROY M., KRAMER, MILTON, and PIERCE, CHESTER M.: The psychophysiology of dreaming. University of Cincinnati, Cincinnati, Ohio. (1959- )
- BALDRIDGE, B. J., and HUSTMYER, F. H.: Iterative association. *Perceptual and Motor Skills*, 20(2): 617-627, 1965.
- BALDRIDGE, B. J., WHITMAN, ROY M., and KRAMER, MILTON: A simplified method for detecting eye movements during dreaming. *Psychosomatic Medicine*, 25:78-82, 1963.
- KRAMER, M., WHITMAN, R. M., BALDRIDGE, B. J., and LANSKY, L. M.: Patterns of dreaming: The interrelationship of dreams of a night. *Journal of Nervous and Mental Disease*, 139:426-439, 1964.
- KRAMER, MILTON, WHITMAN, ROY M., BALDRIDGE, BILL, and LANSKY, LEONARD: Depression: Dreams and defenses. *American Journal of Psychiatry*, 122(4):411-419, 1965.
- ORNSTEIN, PAUL H., and WHITMAN, ROY M.: On the metapharmacology of psychotropic drugs. *Comprehensive Psychiatry*, 3(6):166-175, 1965.
- PIERCE, CHESTER M., WHITMAN, ROY M., MAAS, JAMES W., and GAY, MICHAEL L.: Enuresis and dreaming: Experimental studies. *Archives of General Psychiatry*, 4:166-170, 1961.
- WHITMAN, ROY M.: II. Drugs, dreams and the experimental subject. *Canadian Psychiatric Association Journal*, 8(6):395-399, 1963.
- WHITMAN, ROY M.: Remembering and forgetting dreams in psychoanalysis. *Journal of the American Psychoanalytic Association*, 11(4):752-774, 1953.
- WHITMAN, ROY M., KRAMER, MILTON, and BALDRIDGE, BILL: Which dream does the patient tell? *Archives of General Psychiatry*, 8:277-282, 1963.
- WHITMAN, ROY M., KRAMER, MILTON, and BALDRIDGE, BILL: Experimental study of supervision of psychotherapy. *Archives of General Psychiatry*, 9(6):529-535, 1963.
- WHITMAN, R., ORNSTEIN, P. H., and BALDRIDGE, B.: An experimental approach to the psychoanalytic theory of dreams and conflicts. *Comprehensive Psychiatry*, 5(6):349-363, 1964.
- WHITMAN, R. M., ORNSTEIN, P. H., and KRAMER, M.: Drug therapy. In: Spiegel, E. A., ed. *Progress in neurology and psychiatry*. New York, Grune & Stratton, 1964, p. 606-630.
- WHITMAN, ROY M., PIERCE, CHESTER M., MAAS, JAMES W., and BALDRIDGE, BILL: Drugs and dreams. II: Imipramine and prochlorperazine. *Comprehensive Psychiatry*, 2(4):219-226, 1961.
- WHITMAN, ROY M., PIERCE, CHESTER M., MAAS, JAMES W., and BALDRIDGE, BILL: The dreams of the experimental subject. *Journal of Nervous and Mental Disease*, 134:431-439, 1962.
- MH-3034 (R01) WESTHEIMER, GERALD: Psychopharmacological agents and oculomotor responses. Columbus Psychiatric Institute and Hospital, Columbus, Ohio. (1959-63)
- RASHBASS, C., and WESTHEIMER, G.: Recording rotational eye movements independently of lateral displacements. (Abstract) *Journal of the Optical Society of America*, 50(5):512, 1960.
- RASHBASS, C., and WESTHEIMER, G.: Disjunctive eye movements. *Journal of Physiology*, 159:339-360, 1961.
- RASHBASS, C., and WESTHEIMER, G.: Independence of conjugate and disjunctive eye movements. *Journal of Physiology*, 159:361-364, 1961.
- WESTHEIMER, G.: Amphetamine, barbiturates and accommodation-convergence synergism. *A. M. A. Archives of Ophthalmology*, 70:830-836, 1963.
- WESTHEIMER, G., and RASHBASS, C.: Stability of retinal correspondence during convergence. *Journal of the Optical Society of America*, 51:475, 1961.
- WESTHEIMER, G., and RASHBASS, C.: Barbiturates and eye vergence. *Nature*, 191:833-834, 1961.
- MH-3037 (R01) POLLARD, JOHN C., JACKSON, C. WESLEY, JR., and UHR, LEONARD M.: Studies in sensory deprivation. University of Michigan, Ann Arbor, Mich. (1960-62)

- JACKSON, C. W., JR., and POLLARD, JOHN C.: Sensory deprivation and suggestion: A theoretical approach. *Behavioral Sciences*, 7:332-342, 1962.
- JACKSON, C. W., JR., POLLARD, JOHN C., and KANSKY, E. W.: The application of findings from experimental sensory deprivation to cases of clinical sensory deprivation. *American Journal of Medical Science*, 243:558-563, 1962.
- POLLARD, J. C., BAKKER, C., UHR, L., and FEUERFILE, D. F.: Controlled sensory input: A note on the technic of drug evaluation with a preliminary report on a comparative study of sernyl, psilocybin, and LSD-25. *Comprehensive Psychiatry*, 1 (6):377-380, 1960.
- POLLARD, J. C., JACKSON, C. W., JR., UHR, L., and FEUERFILE, D.: A bibliography of experimental studies of sensory deprivation with human subjects. Ann Arbor, Michigan, Mental Health Research Institute, University of Michigan, 1961, 19 p. (Report No. 11).
- POLLARD, JOHN C., and UHR, L.: Controlled environment: A method of measuring the drug response-behavior in humans. In: Paton, W. D. M., and Lindgren, P., eds. *First International Pharmacological Meeting*. Vol. 8. Stockholm, Pergamon Press, 1962, p. 309-314.
- POLLARD, JOHN C., UHR, L., and JACKSON, C. W., JR.: Studies in sensory deprivation. *Archives of General Psychiatry*, 8:435-454, 1963.
- MH-3039 (R01) HAMBLIN, ROBERT L.: Causes of conformity and nonconformity of adolescents. Washington University, St. Louis, Mo. (1959-62)
- HAMBLIN, ROBERT L.: The dynamics of racial discrimination. *Social Problems*, 10(2):103-120, 1962.
- HAMBLIN, ROBERT L.: The dynamics of aggressive delinquency. Indianapolis, Ind., Bobbs-Merrill, 1964.
- HAMBLIN, ROBERT L., BRIDGER, DAVID A., DAY, ROBERT C., and YANCEY, WILLIAM L.: The interference-aggression law? *Sociometry* 26(2): 190-216, 1963.
- MH-3040 (R01) CONGER, J., GASKILL, HERBERT S., MILLER, WILBUR C., and RAINEY, ROBERT V.: Early identification of maladaptive behavior. University of Colorado Medical Center, Denver, Colo. (1959- )
- CONGER, J. J.: Personality factors in motor vehicle accidents. *Medical Times*, 88:281-284, 1960.
- CONGER, J. J.: Personality factors in driver education. *Phi Delta Kappa*, June:396-397, 1960.
- CONGER, J. J.: Research trends in traffic safety. *Traffic Safety Research Review*, 5(2):30-32, 1961. Also in: *Police*, July-August:44-47, 1961.
- RAINEY, R. V., CONGER, J. J., and WALSMITH, C. R.: Personality characteristics as a selective factor in driver education. *Highway Research Bulletin*, 285:23-28, 1961.
- MH-3042 (R01) METCALF, DAVID R., GLASSCOCK, THOMAS T., KEELY, HAROLD W., NITZBERG, HAROLD, and SANTOSTEFANO, SEBASTIANO: Mcprobamate in behavior disorders with abnormal EEGs. University of Colorado Medical Center, Denver, Colo. (1959-62)
- DODDS, J., and SANTOSTEFANO, S.: A comparison of the cognitive functioning of glue-sniffers and non-glue-sniffers. *Journal of Pediatrics*, 64:565-570, 1964.
- SANTOSTEFANO, SEBASTIANO: Miniature situation tests as a way of interviewing children. *Merrill-Palmer Quarterly of Behavior and Development*, 8:261-269, 1962.
- SANTOSTEFANO, SEBASTIANO: A developmental study of the Delboeuf illusion. *Perceptual and Motor Skills*, 17:23-29, 1963.
- SANTOSTEFANO, SEBASTIANO: Cognitive controls and exceptional states in children. *Journal of Clinical Psychology*, 20:213-218, 1964.
- SANTOSTEFANO, SEBASTIANO, and PALEY, E.: Development of cognitive controls in children. *Child Development*, 35:939-949, 1964.
- MH-3046 (R01) CLARK, WILLIAM C., and HULPIEU, HAROLD R.: Ethanol metabolism and hydrogen transfer mechanisms. Indiana University, Bloomington, Ind. (1959-61)
- CLARK, WILLIAM C., HULPIEU, HAROLD R., and HAINES, ROBERT J.: Ethanol metabolism and experimental diabetes. *Diabetes*, 14(1):14-18, 1965.
- MH-3047 (R01) KLEINER, ROBERT J., and PARKER, SEYMOUR: Mental illness and migration. Eastern Mental Health Center, Philadelphia, Pa. (1959-62)
- KLEINER, R. J., and PARKER, S.: Goal striving, social status, and mental disorder: A research review. *American Sociological Review*, 28:189-203, 1963.
- KLEINER, R. J., PARKER, S., and TAYLOR, H. G.: Social status and aspirations in Philadelphia's negro population. In: Philadelphia Commission on Human Relations, 1962.
- PARKER, SEYMOUR, and KLEINER, ROBERT J.: Mental illness in the urban negro community. New York, Free Press, 1965, 408 p.
- PARKER, S., KLEINER, R. J., and TAYLOR, H. G.: Level of aspiration and mental disorder: A research proposal. *Annals of the New York Academy of Science*, 84:878-886, 1960.



- MH-3048 (R01) KURLAND, ALBERT A.: Hexafluorodiethyl ether—its use in schizophrenia. Spring Grove State Hospital, Catonsville, Md. (1959-61)
- KURLAND, A. A.: Implications of indoklon for psychiatric research. *Journal of Neuropsychiatry*, 4 (3):173-177, 1963.
- KURLAND, A. A., GUERVO, R., and KRANTZ, J. C., JR.: The intravenous use of hexafluorodiethyl ether as a convulsant in psychiatric treatment. *Journal of Neuropsychiatry*, 1(5):260-265, 1960.
- KURLAND, A. A., KRANTZ, J. C., JR., and TRUITT, F. B., JR.: The treatment of schizophrenia with sustained exposure to hexafluorodiethyl ether. *Journal of Nervous and Mental Disease*, 130(2):155-159, 1960.
- NUSSBAUM, K., and KURLAND, A. A.: Intravenous hexafluorodiethyl ether (indoklon) modified by succinylcholine chloride. *Current Therapeutic Research*, 4(2):44-56, 1962.
- NUSSBAUM, K., and KURLAND, A. A.: Intravenous administration of indoklon 10% solution. *American Journal of Psychiatry*, 120(1):69-70, 1963.
- NUSSBAUM, K., and KURLAND, A. A.: Bis (2,2,2-trifluoroethyl) ether (Indoklon) modified with succinylcholine (Anectine) as a convulsant in psychiatric treatment. *Journal of Neuropsychiatry*, 5:143-149, 1963.
- MH-3050 (R01) CLEGHORN, ROBERT A., and SOURKES, THEODORE LIONEL: Metabolism of biogenic amines and mental illness. McGill University, Montreal, Can. (1960-63)
- BARBEAU, ANDRE, SOURKES, THEODORE L., and MURPHY, GERARD F.: Les catecholamines dans la maladie de Parkinson. In: Ajuriaguerra, J. de, ed. *Monoamines et système nerveux central*. Georg, Geneva, & Masson, Paris, 1962, p. 247-262.
- MORAN, J. F., and SOURKES, T. L.: Induction of tryptophan pyrrolase by alpha-methyltryptophan and its metabolic significance *in vivo*. *Journal of Biological Chemistry*, 238:3006-3008, 1963.
- MORAN, J. F., SOURKES, T. L., and CHAVEZ, B.: Inhibitory effects of decarboxylase inhibitors on the metabolism of tyrosine- $C^{14}$  in the rat. *Canadian Journal of Biochemistry and Physiology*, 41:2376-2379, 1963.
- SANKOFF, I., and SOURKES, T. L.: The weight-depressing action of  $\alpha$ -methyl-DL-tryptophan in the rat. *Canadian Journal of Biochemistry and Physiology*, 40:739-747, 1962.
- SANKOFF, I., and SOURKES, T. L.: Determination by thin-layer chromatography of urinary homovanillic acid in normal and disease states. *Canadian Journal of Biochemistry and Physiology*, 41:1381, 1963.
- SOURKES, THEODORE L.: Catecholamine metabolism and some functions of the nervous system. *American Journal of Clinical Nutrition*, 12(4):321-329, 1963.
- SOURKES, T. L., DENTON, R. L., MURPHY, G. F., CHAVEZ, B., and SAINT CYR, S.: The excretion of dihydroxyphenylalanine, dopamine and dihydroxyphenylacetic acid in neuroblastoma. *Pediatrics*, 31:660-668, 1963.
- SOURKES, T. L., MURPHY, G. F., and CHAVEZ-LARA, B.: A metabolic study of  $\alpha$ -methyl- $\beta$ -(3, 4-dihydroxyphenyl)-DL-alanine in man. *Journal of Medical Pharmacology and Chemistry*, 5:204-210, 1962.
- SOURKES, T. L., MURPHY, G. F., and CHAVEZ-LARA, B.: Experimental and clinical studies of anti-decarboxylases. In: Proceedings of the Third World Congress of Psychiatry. Montreal, University of Toronto/McGill University Press, 1962, p. 649-653.
- SOURKES, T. L., MURPHY, G. F., CHAVEZ, B., and ZIELINSKA, M.: The action of some  $\alpha$ -methyl and other amino acids on cerebral catecholamines. *Journal of Neurochemistry*, 8:109-115, 1961.
- SOURKES, T. L., MURPHY, G. F., SANKOFF, I., DISTLER, M. H. W., and SAINT CYR, S.: Excretion of dopamine, catecholamine metabolites and 5-hydroxyindoleacetic acid in hepatolenticular degeneration (Wilson's Disease). *Journal of Neurochemistry*, 10:947-951, 1963.
- WISEMAN-DISTLER, M. H., and SOURKES, T. L.: The effect of 4-hydroxyindoles on the metabolism of 5-hydroxytryptamine (serotonin). *Annals of the New York Academy of Sciences*, 96:142-150, 1962.
- MH-3058 (R03) LANDFIELD, ALVIN W.: Social conceptual processes in a student population. University of Missouri, Columbia, Mo. (1959-60)
- LANDFIELD, A. W., and FIELD, S.: Personal construct consistency. *Psychological Reports*, 8:127-129, 1961.
- LANDFIELD, A. W., and STERN, M.: Social conceptual processes and change in students undergoing psychotherapy. *Psychological Reports*, 8:63-68, 1961.
- MH-3064 (R03) GRUEN, WALTER: General systems theory and group formation. University of Buffalo—prior to Sept. 1, 1962, Buffalo, N.Y. (1959-59)
- GRUEN, W., and BIERMAN, R.: Determinants for verbal communication among strangers. *Psychological Reports*, 7:463-469, 1960.
- MH-3068 (R03) NAROLL, RAOUL S.: Childbirth—a cross-cultural study. San Fernando Valley State College, Northridge, Calif. (1959-60)

- NAROLL, FRADA, NAROLL, RAOUL, and HOWARD, FOREST H.: Position of women in childbirth: A study in data quality control. *American Journal of Obstetrics and Gynecology*, 82:943-954, 1961.
- MH-3075 (R01) WHITTIER, JOHN R.: Basal nuclear structures, behavior and metabolism. Creedmoor State Hospital, New York, N.Y. (1959-62)
- WHITTIER, JOHN R., and ORR, ALFONSO: Hyperkinesia and other physiologic effects of caudate deficit in the adult albino rat. *Neurology*, 12(8): 529-539, 1962.
- MH-3076 (R03) PALMER, JAMES O.: TAT correlates of Rorschach's Experience Balance. University of California, Los Angeles, Calif. (1959-59)
- PALMER, JAMES O., and LUSTGARTEN, BILLIE J.: The prediction of TAT structure as a test of Rorschach's Experience balance. *Journal of Projective Techniques*, 26:212-220, 1962.
- MH-3078 (R01) LE BLANC, JACQUES, and LEMIEUX, LIONEL: Mast cells of the skin and tranquilizer therapy. Laval University, Quebec, Can. (1959-61)
- LEBLANC, J., and LEMIEUX, L.: Histamine and mental disease. *Medicina Experimentalis*, 4:214-222, 1961.
- LEBLANC, J., LEMIEUX, L., COTE, F., DESBIENS, A., and BLANCHET, A.: The cold pressor test in mental patients during tranquilizer therapy. *Medicina Experimentalis*, 8:163-170, 1963.
- MH-3084 (R01) LEBRA, WILLIAM P., and MARETZKI, THOMAS: Religion and health in Okinawa. University of Pittsburgh, Pittsburgh, Pa. (1959-62)
- LEBRA, WILLIAM P.: Okinawan religion. In: Smith, Allan, ed. *Ryukyuan culture and society*. Honolulu, University of Hawaii Press, 1964.
- LEBRA, WILLIAM P.: The Okinawan shaman. In: Smith, Allan, ed. *Ryukyuan culture and society*. Honolulu, University of Hawaii Press, 1964.
- LEBRA, WILLIAM P., and MARETZKI, THOMAS W.: The village cooperative in Okinawa. *Economic Development and Cultural Change*, 11:225-238, 1963.
- MARETZKI, THOMAS W.: Ryukyuan studies by American anthropologists since World War II. *Japanese Journal of Ethnology* (Minzokugaku Kenkyu), 27:431-436, 1962.
- MARETZKI, THOMAS W.: Personality in rural Okinawa: A survey. In: Smith, Allan, ed. *Ryukyuan culture and society*. Honolulu, University of Hawaii Press, 1964.
- MARETZKI, THOMAS W.: Suicide in Okinawa: Preliminary explorations. *International Journal of Social Psychiatry*, 11(4):256-263, 1965.
- MARETZKI, THOMAS W., and MARETZKI, HATSUMI S.: Child training in an Okinawan community. In: Whiting, B., ed. *Six cultures: studies of child rearing*. New York, John Wiley, 1963, p. 363-539.
- MH-3085 (R03) DAVENPORT, JOHN W.: Reinforcement variables in selective learning. Amherst College, Amherst, Mass. (1959-60)
- DAVENPORT, J. W.: The interaction of magnitude and delay of reinforcement in spatial discrimination. *Journal of Comparative and Physiological Psychology*, 55:267-273, 1962.
- DAVENPORT, J. W.: A rotary runway apparatus. *Psychological Reports*, 12(2):385-386, 1963. (Also acknowledges MH-4528).
- DAVENPORT, J. W.: Spatial discrimination and reversal learning involving differential magnitude of reinforcement. *Psychological Reports*, 12:655-665, 1963. (Also acknowledges MH-4528).
- DAVENPORT, J. W.: Supplementary information pertaining to the rotary runway. Document No. 7447, American Documentation Institute, Auxiliary Publications Project, Library of Congress, Washington, D.C., 1963.
- MH-3088 (R01) BOYER, L. BRYCE, and BASEHART, HARRY W.: Field research in anthropopsychanalytic techniques. University of New Mexico, Albuquerque, N.M. (1959-65) (Continued from MH-2013).
- BOYER, L. BRYCE: Notes on the personality structure of a North American Indian shaman. *Journal of the Hillside Hospital*, 10:14-33, 1961. (Also acknowledges MH-2013).
- BOYER, L. BRYCE: Remarks on the personality of shamans: With special reference to the Apache of the Mescalero Indian Reservation. In: Muensterberger, Warner, and Axelrod, Sidney, eds. *The psychoanalytic study of society*. Vol. 2. New York, International Universities Press, 1962, p. 233-254. (Also acknowledges MH-2013).
- BOYER, L. BRYCE: Folk psychiatry of the Apaches of the Mescalero Indian Reservation. In: Kiev, A., ed. *Faith, magic and healing: Studies in primitive psychiatry today*. Glencoe, Ill., Free Press, 1964, p. 384-419. (Also acknowledges MH-2013).
- BOYER, L. BRYCE: Psychoanalytic insights in working with ethnic minorities. *Social Casework*, 45 (90):519-526, 1964. (Also acknowledges MH-2013).

- BOYER, L. BRYCE: Stone as a symbol in Apache mythology. *American Imago*, 22:14-39, 1965. (Also acknowledges MH-2013).
- BOYER, L. BRYCE, BOYCE, RUTH M., BRAWER, FLORENCE R., KAWAI, HAYAO, and KLOPPER, BRUNO: Apache age groups. *Journal of Projective Techniques and Personality Assessment*, 28(4):397-402, 1964. (Also acknowledges MH-2013).
- BOYER, L. BRYCE, KLOPPER, BRUNO, BOYER, RUTH M., BRAWER, FLORENCE B., and KAWAI, HAYAO: Effects of acculturation on the personality traits of the old people of the Mescalero and Chiricahua Apaches. *International Journal of Social Psychiatry*, 11(4):264-271, 1965. (Also acknowledges MH-2013).
- BOYER, L. BRYCE, KLOPPER, BRUNO, BRAWER, FLORENCE B., and KAWAI, HAYAO: Comparisons of the shamans and pseudoshamans of the Apaches of the Mescalero Indian Reservation: A Rorschach study. *Journal of Projective Techniques*, 28:173-180, 1964. (Also acknowledges MH-2013).
- BOYER, RUTH M.: The matrifocal family among the Mescalero: Additional data. *American Anthropologist*, 66:593-602, 1964. (Also acknowledges MH-2013).
- KLOPPER, BRUNO, and BOYER, L. BRYCE: Notes on the personality structure of a North American Indian shaman: Rorschach report. *Journal of Projective Techniques*, 25:169-178, 1961. (Also acknowledges MH-2013).
- MACLACHLAN, BRUCE B.: The contemporary Mescalero Apache legal system. *Anthropology Tomorrow*, 7:43-45, 1961. (Also acknowledges MH-2013).
- MACLACHLAN, BRUCE B.: The Mescalero Apache quest for law and order. *Journal of the West*, 3(4):441-458, 1964.
- MH-3090 (R03) FORD, CLELLAN S.: Survey of cross-cultural studies relating to health. Human Relations Area Files, New Haven, Conn. (1959-59)
- EMBER, MELVIN: The relationship between economic and political development in nonindustrialized societies. *Ethnology*, 2(2):228-248, 1963.
- MH-3092 (R03) PILOT, MARTIN L., MAHL, GEORGE F., and SPIRO, HOWARD M.: Psychophysiological study of gastric secretion. Yale University, New Haven, Conn. (1959-60)
- RUBIN, JESSE, NAGLER, RICHARD, SPIRO, HOWARD, and PILOT, MARTIN L.: Measuring the effect of emotions on esophageal motility. *Psychosomatic Medicine*, 24:170-176, 1962.
- MH-3093 (R03) KIM, CHUL: Reaction to a stress-provoking stimulus with ablation. Seoul National University, Seoul, Korea. (1959-60)
- KIM, CHUL, and KIM, CHANG UK: Effect of partial hippocampal resection on stress mechanism in rats. *American Journal of Physiology*, 201(2):337-340, 1961.
- KIM, CHUL, and KIM, CHANG UK: Effect of hippocampal ablation on audiogenic seizure in rats. *Journal of Comparative and Physiological Psychology*, 55(3):288-292, 1962.
- MH-3100 (R01) SCHWARTZ, MORRIS S.: Social science in the mental hospital. Harvard University, Cambridge, Mass. (1960-62) (Continued as MH-6822).
- SCHWARTZ, M. S.: The uses of sociology in the mental hospital. *Social Problems*, 10:219-227, 1963. (Also acknowledges MH-6822).
- MH-3101 (R03) SMITH, ROBERT J., and RAMSEY, CHARLES E.: Cross-cultural study of Japanese and American youth. Cornell University, Ithaca, N.Y. (1959-59)
- RAMSEY, CHARLES E., and SMITH, ROBERT J.: Japanese and American perceptions of occupations. *American Journal of Sociology*, 65(5):475-482, 1960.
- SMITH, ROBERT J., and RAMSEY, CHARLES E.: Attitudes of Japanese high school seniors toward the military. *Public Opinion Quarterly*, 26:249-253, 1962.
- SMITH, ROBERT J., RAMSEY, CHARLES E., and CASTILLO, GELIA: Parental authority and job choice: Sex differences in three cultures. *American Journal of Sociology*, 69(2):143-149, 1963.
- MH-3103 (R03) SHUFORD, EMIR H., JR.: Bayes estimation and psychophysical judgment. University of North Carolina, Chapel Hill, N.C. (1959-59)
- SHUFORD, EMIR H., JR., and HALL, W. JACKSON: A decision theory approach to psychophysics. Psychometric Laboratory Research Report Number 22, June 1959.
- SHUFORD, EMIR H., JR., and WIESEN, RAYMOND A.: Bayes estimation of proportion: The effect of stimulus distribution and exposure time. Psychometric Laboratory Research Report Number 23, December 1959.
- MH-3118 (R01) KING, FREDERICK A.: Behavioral and physiological effects of brain damage. University of Florida, Gainesville, Fla. (1959-60) (Continued from MH-1639).
- KAELING, R., KING, F. A., ACHENBACH, K., BRANSON, R., and PASAMANICK, B.: Reliability of au-

- tonomic responses. *Psychological Reports*, 6:143-163, 1960. (Also acknowledges MH-1639).
- MH-3121 (R03) KATZ, JAY: Preparation of source-book on psychopathology. Yale University, New Haven, Conn. (1959-60)
- KATZ, JAY, and GOLDSTEIN, JOSEPH: Abolish the insanity defense—why not? *Journal of Nervous and Mental Disease*, 138:57-69, 1964.
- MH-3133 (R03) BELLAK, LEOPOLD: Effects of Deprol on depression. City Hospital at Elmhurst, Elmhurst, N.Y. (1959-60)
- BELLAK, LEOPOLD, SALK, LER, and ROSENHAN, DAVID: A process study of the effects of Deprol on depression. Exemplification of a method of a psychodynamic process study of psychotropic drugs. *Journal of Nervous and Mental Disease*, 132(6):531-538, 1961.
- MH-3134 (R03) PARDUCCI, ALLEN: Assimilation in the anchoring of absolute judgment. University of California, Los Angeles, Calif. (1959-60)
- PARDUCCI, A., and MARSHALL, L. M.: Assimilation vs. contrast in the anchoring of perceptual judgments of weight. *Journal of Experimental Psychology*, 63:426-437, 1962.
- MH-3137 (R01) EDWARDS, ALLEN L.: Social desirability and conflict. University of Washington, Seattle, Wash. (1960-61)
- EDWARDS, A. L., and DIERS, CAROL J.: Social desirability and conflict. *Journal of Social Psychology*, 58:349-356, 1962.
- MH-3142 (R01) CAMPDEN-MAIN, BRIAN C.: Construction and validation of psychiatric profiles. Howard University, Washington, D.C. (1959-62)
- CAMPDEN-MAIN, BRIAN C., and CAMPDEN-MAIN, THELMA J.: American psychiatry—current goals and practices. In: *Proceedings of the 3rd World Congress of Psychiatry*. Vol. 2. Montreal, University of Toronto Press/McGill University Press, 1961, p. 1267-1270.
- CAMPDEN-MAIN, BRIAN C., and CAMPDEN-MAIN, THELMA J.: American psychiatry: (2) Current practices and views in psychopharmacology. *Diseases of the Nervous System*, 23(3):3-8, 1962.
- MH-3145 (R03) JERISON, HARRY J.: Brain to body relations in fossil mammals. Antioch College, Yellow Springs, Ohio. (1959-60)
- JERISON, H. J.: Quantitative analysis of evolution of the brain in mammals. *Science*, 133:1012-1014, 1961.
- MH-3149 (R03) GUSSOW, ZACHARY: Mental health among Eskimos of eastern Quebec. Bank Street College of Education, New York, N.Y. (1959-59)
- GUSSOW, ZACHARY: A preliminary report of kayak-angst among the Eskimo of west Greenland: A study in sensory deprivation. *International Journal of Social Psychiatry*, 9(1):18-26, 1963.
- MH-3150 (R03) MAHAN, MARY B.: Cultural influences on the adolescent girl. Mount Marty College, Yankton, S.D. (1959-59)
- MAHAN, MARY BRIAN: Rural-urban differences in the attitudes and behavior of adolescent girls. *American Catholic Sociological Review*, 24:143-152, 1963.
- MH-3156 (R01) CLIFTON, JAMES A.: Variation in Klamath culture and personality. University of Oregon, Eugene, Ore. (1959-61)
- CLIFTON, JAMES A.: On the intercultural use of the Rorschach. *American Anthropologist*, 61:1087-1090, 1959.
- CLIFTON, JAMES A., and LEVINE, DAVID: Klamath personalities: Ten Rorschach case studies. Eugene, Oregon, University of Oregon Press, 1961. (Reissued by the University of Kansas Press, 1963).
- MH-3158 (R01) LEMERT, EDWIN M.: The use of alcohol in Polynesia. University of California, Davis, Calif. (1959-60) (Continued as MH-5161).
- LEMERT, EDWIN M.: Stuttering and social structure in two Pacific societies. *Journal of Speech and Hearing Disorders*, 27:3-10, 1962. (Also acknowledges MH-5161).
- LEMERT, EDWIN M.: Alcohol use in Polynesia. *Tropical and Geographical Medicine*, 14:183-191, 1962. (Also acknowledges MH-5161).
- LEMERT, EDWIN M.: Forms and pathology of drinking in three Polynesian societies. *American Anthropologist*, 66:361-374, 1964. (Also acknowledges MH-5161).
- LEMERT, E. M.: Drinking in Hawaiian plantation society. *Quarterly Journal of Studies on Alcohol*, 25:689-713, 1964. (Also acknowledges MH-5161).
- MH-3163 (R01) FRENCH, JOSEPH H., HORNBR, FREDERICK A., and STREAMER, CHARLES W.: Development of phenylketonurics controlled from birth. University of Colorado Medical Center, Denver, Colo. (1959-64)
- FRENCH, JOSEPH H., O'BRIEN, DONOUGH, and GRUETER, BARBARA: Kynurenine metabolism and pyridoxine dependency in the syndrome of infant

ile myoclonic seizures. (Abstract) Society for Pediatric Research, Program and Abstracts, 32nd Annual Meeting, Atlantic City, May 8-9-10, 1962. Page 114.

ORNER, F. A.: The technique of transillumination. *A. M. A. Journal of Diseases of Children*, 103: 182-184, 1962.

ORNER, F. A., and LUBCHENCO, L. O.: Specific neurologic findings in children of premature birth. Premature birth. *American Journal of Diseases of Children*, 106:101, 1963.

ORNER, F. A., STREAMER, C. W., ALEJANDRINO, L. L., REED, L. H., and IBBOTT, F.: Termination of dietary treatment of phenylketonuria. *New England Journal of Medicine*, 266:79-81, 1962.

ABRY, C. C., NELSON, T. L., and HORNER, F. A.: Occult phenylketonuria. *Clinical Pediatrics*, 1 (2):82-86, 1962.

BRIEN, DONOUGH, IBBOTT, FRANK A., WALKER, DOROTHY M., DABIERE, CAROL, and ROSS, EM-MANUEL R.: The effect of a high phenylalanine intake on cerebral amino acid and lipid composition in the infant monkey. (Abstract) Society of Pediatric Research, Program and Abstracts, 33rd Annual Meeting, Atlantic City, N.J., May 1 and 2, 1963, p. 109.

H-3165 (R01) PORTER, PAUL B., and BECK, EDWARD C.: Relationships between limbic stimulation and rewards. University of Utah, Salt Lake City, Utah. (1960- )

SON, WILLIAM E., REID, LARRY D., SAKAI, MA-KOTO, and PORTER, PAUL B.: Intracranial reinforcement compared with sugar-water reinforcement. *Science*, 148(3675):1357-1358, 1965.

ID, LARRY D., GIBSON, WILLIAM E., GLEDHILL, STEPHEN M., and PORTER, PAUL B.: Anticon-vulsant drugs and self-stimulating behavior. *Journal of Comparative and Physiological Psychology*, 67:353-356, 1964.

ID, LARRY, and PORTER, PAUL B.: Another holder for chronically implanted electrodes. *Journal of the Experimental Analysis of Behavior*, 7:12, 1964.

ID, L. D., and PORTER, P. B.: Reinforcement from direct electrical stimulation of the brain. *Rocky Mountain Psychologist*, 1:1-20, 1965.

HNITZER, SAMUEL B., REID, LARRY D., and PORTER, PAUL B.: Electrical intracranial stimulation as a primary reinforcer for cats. *Psychological Reports*, 16:335-338, 1965.

N DER ELST, DIRK H., PORTER, PAUL B., and SHARP, JOSEPH C.: Visual deficit in albino rats following fetal x irradiation. *Perceptual and Motor Skills*, 16:291-294, 1963.

WASDEN, R. E., REID, L. D., and PORTER, P. B.: Overnight performance decrement with intracranial reinforcement. *Psychological Reports*, 16: 653-658, 1965.

MH-3166 (R01) WEINSTEIN, SIDNEY, GOLDEN-SOHN, ELI S., POOL, J. LAWRENCE, and RAN-SOHOFF, JOSEPH: Temporal lobe seizures and personality disorders. Columbia University, New York, N.Y. (1959-64)

FERGUSON, S. M.: Temporal lobe epilepsy: Psychiatric and behavioral aspects. *Bulletin of the New York Academy of Medicine*, 38(10):668-679, 1962.

GOLDENSOHN, E. S.: Temporal lobe epilepsy: Neurological and electrical aspects. *Bulletin of the New York Academy of Medicine*, 38(10):653-661, 1962.

GOLDENSOHN, ELI S.: EEG and ictal and postictal behavior. In: Glasser, Gilbert H., ed. *EEG and behavior*. New York, Basic Books, 1963, p. 293-314.

POOL, J. L., and RANSOHOFF, J.: Temporal lobe epilepsy: neurological aspects. *Bulletin of the New York Academy of Medicine*, 38(10):680-688, 1962.

WEINSTEIN, S., and JOHNSON, L.: The Bender-Gestalt test in differential diagnosis of temporal lobectomy and schizophrenia. *Perceptual and Motor Skills*, 18:813-820, 1964.

WEINSTEIN, S., JOHNSON, L., and GUBBRA, J.: Differentiation of human figure drawings made before and after temporal lobectomy and by schizophrenics. *Perceptual and Motor Skills*, 17:687-693, 1963.

MH-3167 (R01) ETSTEN, BENJAMIN: Experimental analysis of behavior under anesthesia. New England Center Hospital, Boston, Mass. (1959-62)

LINDSLEY, O. R., HOBIKA, J. H., and ETSTEN, B. E.: Operant behavior during anesthesia recovery: A continuous and objective method. *Anesthesiology*, 22:937-946, 1961.

MH-3171 (R01) ROSEN, GEORGE: Research in the social history of mental illness. Columbia University, New York, N.Y. (1959-64)

ROSEN, GEORGE: Patterns of discovery and control in mental illness. *American Journal of Public Health*, 50:855-866, 1960.

ROSEN, GEORGE: Psychopathology in the social process. I. A study of the persecution of witches in Europe as a contribution to the understanding of mass delusions and psychic epidemics. *Journal of Health and Human Behavior*, 1:200-211, 1960.

- ROSEN, GEORGE: Discussions of A. H. Leighton: Cultures as causative of mental disorders. In: Causes of mental disorders: A review of epidemiological knowledge, 1959. New York, Milbank Memorial Fund, 1961, p. 366-376.
- ROSEN, GEORGE: Public health and mental health: Converging trends and emerging issues: Historical background. In: Mental health teaching in schools of public health. New York, Columbia University, School of Public Health and Administrative Medicine, 1961, p. 1-75.
- ROSEN, GEORGE: Cross-cultural and historical aspects of the psychopathology of aging. In: Hoch, P. H., and Zubin, J., eds. *Psychopathology of aging*. New York, Grune & Stratton, 1961, p. 1-20.
- ROSEN, GEORGE: Psychopathology in the social process. II. Dance frenzies, demonic possession, revival movements and similar so-called psychic epidemics: An interpretation. *Bulletin of the History of Medicine*, 36:13-44, 1962.
- ROSEN, GEORGE: The hospital: Historical sociology of a community institution. In: Freidson, Eliot, ed. *The hospital in modern society*. New York, Free Press of Glencoe, 1963, p. 1-36.
- ROSEN, GEORGE: Social attitudes to irrationality and madness in 17th and 18th century Europe. *Journal of the History of Medicine*, 18:220-240, 1963.
- ROSEN, G.: The mentally ill and the community in western and central Europe during the late middle ages and the Renaissance. *Journal of the History of Medicine and Allied Sciences*, 19:377-388, 1964.
- MH-3174 (R03) KING, DAVID J.: Scoring the accuracy of recall of connected material. American University, Washington, D.C. (1959-60)
- KING, DAVID J.: On the accuracy of written recall: A scaling and factor analytic study. *Psychological Record*, 10(2):113-122, 1960.
- KING, DAVID J.: Sealing the accuracy of recall of stories in the absence of objective criteria. *Psychological Record*, 11(1):87-90, 1961.
- SCHULTZ, DUANE P., and KING, DAVID J.: Additional observations on scoring the accuracy of written recall. *Psychological Record*, 10(3):203-209, 1960.
- MH-3182 (R01) DUNCAN, CARL P.: Research on human problem solving. Northwestern University, Evanston, Ill. (1959-64)
- DUNCAN, C. P.: Letter response hierarchies within and among subjects. *Psychological Reports*, 6: 291-297, 1960.
- DUNCAN, C. P.: Attempts to influence performance on an insight problem. *Psychological Reports*, 9:35-42, 1961.
- DUNCAN, C. P.: Probability vs. latency of solution of an insight problem. *Psychological Reports*, 10:119-121, 1962.
- DUNCAN, C. P.: Effect of instructions and information on problem solving. *Journal of Experimental Psychology*, 65:321-327, 1963.
- DUNCAN, C. P.: Learning to learn in response-discovery and in paired-associate lists. *American Journal of Psychology*, 77:367-379, 1964.
- ISAACS, I. DAVID, and DUNCAN, CARL P.: Reversal and nonreversal shifts within and between dimensions in concept formation. *Journal of Experimental Psychology*, 64:580-585, 1962.
- O'CONNELL, E. J., and DUNCAN, C. P.: Anagram solving as a function of letter spacing. *Psychological Reports*, 8:117-118, 1961.
- MH-3190 (R01) GROB, GERALD N.: History of Worcester State Hospital since 1833. Clark University, Worcester, Mass. (1960-65)
- GROB, GERALD N.: Samuel B. Woodward and the practice of psychiatry in early nineteenth century America. *Bulletin of the History of Medicine*, 36:420-443, 1962.
- GROB, GERALD N.: Adolf Meyer on American psychiatry in 1895. *American Journal of Psychiatry*, 119(12):1135-1142, 1963.
- GROB, G. N.: Origins of the state mental hospital: A case study. *Bulletin of the Menninger Clinic*, 29(2):1-19, 1965.
- MH-3191 (R01) LAPOUSE, REMA, and MONK, MARY ALICE: Epidemiologic study of child behavior and adjustment. Tulane University, New Orleans, La. (1959-60)
- LAPOUSE, REMA: The relationship of behavior to adjustment in a representative sample of children. *American Journal of Public Health*, 55(8):1130-1141, 1965. (Also acknowledges MH-1507).
- LAPOUSE, REMA, and MONK, MARY A.: Behavior deviations in a representative sample of children: Variation by sex, age, race, social class and family size. *The American Journal of Orthopsychiatry*, 34(3):436-446, 1964. (Also acknowledges MH-1507).
- LAPOUSE, REMA, MONK, MARY A., and STREBT, ELISABETH: A method for use in epidemiologic studies of behavior disorders in children. *American Journal of Public Health*, 54(2):207-222, 1964. (Also acknowledges MH-1507).
- MH-3193 (R01) MBEADE, ROBERT D.: Motivation and time perception. Trinity College, Hartford, Conn. (1959-62)

- MEADE, ROBERT D.: Time perceptions as affected by need tension. *Journal of Psychology*, 49:249-253, 1960.
- MEADE, ROBERT D.: Time estimates as affected by need tension and rate of progress. *Journal of Psychology*, 50:173-177, 1960.
- MEADE, ROBERT D.: Effect of motivation and progress on the estimation of longer time intervals. *Journal of Experimental Psychology*, 65(6):564-567, 1963.
- MH-3196 (R01) ROSS, BRUCE M., and LEVY, NISSIM M.: Immediate memory and predicting. Rutgers—The State University, New Brunswick, N.J. (1959-63)
- LINKER, EUGENE, and ROSS, BRUCE M.: Memory and hypothesis in solving alternation problems with random competition. *Psychological Reports*, 12:783-797, 1963.
- MOORE, MARY E., and ROSS, BRUCE M.: Context effects in running memory. *Psychological Reports*, 12:451-465, 1963.
- ROSS, BRUCE M., RESNICK, ANITA, and SPEELMAN, ROSEANNE G.: Recognition memory-span measurement for nonsense-shape orientations and the "span hold constancy" hypothesis. *Psychological Monographs*, 76(25):1-21, 1962. (Whole No. 544).
- ROSS, BRUCE M., and WEINER, SAMUEL G.: On making a random pattern. *Perceptual and Motor Skills*, 17:587-600, 1963.
- MH-3199 (R03) DAVIS, W. MARVIN: Pharmacology of cataleptic behavior. University of Oklahoma, Norman, Okla. (1959-60)
- DAVIS, W. MARVIN: Neurophysiological basis and pharmacological modification of inhibitory emotional behavior. *Archives Internationales de Pharmacodynamie et de Therapie*, 142:349-360, 1963.
- MH-3202 (R03) ISAACSON, ROBERT L.: Electrographic correlates of learning in hippocampus. University of Michigan, Ann Arbor, Mich. (1959-59)
- ISAACSON, R. L., DOUGLAS, R. J., and MOORE, R. Y.: The effect of radical hippocampal ablation on acquisition of avoidance response. *Journal of Comparative and Physiological Psychology*, 54: 625-628, 1961.
- MH-3203 (R01) BANKS, EDWIN M., and NALBANDOV, ANDREW V.: A comparative study of interaction. University of Illinois, Urbana, Ill. (1959-63)
- BANKS, EDWIN M.: Some aspects of sexual behaviour in domestic sheep, *Ovis aries*. *Behaviour*, 23: 249-279, 1964.
- MH-3204 (R01) PERSKY, HAROLD, DEN BREEIJEN, AIRE, LEVITT, EUGENE E., and ZUCKERMAN, MARVIN: Effect of anxiety on blood corticotropin levels. Indiana University, Bloomington, Ind. (1960-62)
- LEVITT, EUGENE E., PERSKY, HAROLD, and BRADY, JOHN PAUL: Hypnotic induction of anxiety: A psychoendocrine investigation. New York, Charles C. Thomas, 1964, 134 p.
- LEVITT, E. E., PERSKY, H., BRADY, J. P., and FITZGERALD, J. A.: The effect of hydrocortisone infusion on hypnotically induced anxiety. *Psychosomatic Medicine*, 25:158-161, 1963.
- PERSKY, H.: Excretion of luteinizing hormone (LH) by normal human subjects. *Journal of the Albert Einstein Medical Center*, 12:29-33, 1964.
- WEINER, S., DORMAN, D., PERSKY, H., STACH, T. W., NORTON, J., and LEVITT, E. E.: Effect on anxiety of increasing the plasma hydrocortisone level. *Psychosomatic Medicine*, 25:69-77, 1963.
- MH-3207 (R01) FARBER, BERNARD, and KIRK, SAMUEL A.: Siblings and parents of a mentally retarded child. University of Illinois, Urbana, Ill. (1959-62)
- DOWNEY, KENNETH J.: Parental interest in the institutionalized severely mentally retarded child. *Social Problems*, 11:186-193, 1963.
- FARBER, B.: Perceptions of crisis and related variable in the impact of a retarded child on the mother. *Journal of Health and Human Behavior*, 1:108-118, 1960. Also in: Sussman, Marvin B., ed. *Sourcebook in marriage and the family*. Boston, Houghton Mifflin, 1963.
- FARBER, BERNARD: Marital integration as a factor in parent-child relations. *Child Development*, 33: 1-14, 1962.
- FARBER, B.: Types of family organization: Child-oriented, home-oriented, and parent-oriented. In: Rose, Arnold M., ed. *Human behavior and social processes*. Boston, Houghton Mifflin, 1962, p. 285-306.
- FARBER, BERNARD: Effects of a severely mentally retarded child on the family. In: Trapp, E. Philip, and Himmelstein, Philip, eds. *Readings on the Exceptional Child*. New York, Appleton-Century-Crofts, 1962, p. 227-246.
- FARBER, BERNARD: Elements of competence in interpersonal relations: A factor analysis. *Sociometry*, 25(1):30-46, 1962.
- FARBER, BERNARD: Interaction with retarded siblings and life goals of children. *Marriage and Family Living*, 25:96-98, 1963.
- FARBER, BERNARD, and JENNÉ, WILLIAM C.: Family organization and parent-child communication: Parents and siblings of a retarded child. *Mono-*

- MH-3212 (R01) OAKES, WILLIAM F., and PRONKO, N. H.: Reinforcement effects in group discussion. University of Wichita, Wichita, Kan. (1959-61) (Continued as MH-5998).
- OAKES, W. F.: Reinforcement of Bales' categories in group discussion. *Psychological Reports*, 11:427-435, 1962. (Also acknowledges MH-5998).
- OAKES, W. F.: A comparison of the effectiveness of signal light reinforcers given various meanings on participation in group discussion. *Psychological Reports*, 11:469-470, 1962. (Also acknowledges MH-5998).
- OAKES, W. F., and DROGE, A. E.: Operant conditioning of responses to social introversion scale items on the MMPI. *Psychological Report*, 6: 223-225, 1960.
- OAKES, W. F., DROGE, A. E., and AUGUST, B.: Reinforcement effects on participation in group discussion. *Psychological Reports*, 7:503-514, 1960.
- OAKES, W. F., DROGE, A. E., and AUGUST, E.: Reinforcement effects on conclusions reached in group discussion. *Psychological Reports*, 9:27-34, 1961. (Also acknowledges MH-5998).
- MH-3213 (R01) FESHBACH, SEYMOUR: Effects of emotional arousal on social perception. University of Pennsylvania, Philadelphia, Pa. (1959-62)
- FESHBACH, SEYMOUR: The effects of emotional restraint upon the projective of positive effect. *Journal of Personality*, 31(4):471-481, 1963.
- FESHBACH, SEYMOUR, and FESHBACH, NORMA: Influence of the stimulus object upon the complementary and supplementary projection of fear. *Journal of Abnormal and Social Psychology*, 66(5):498-502, 1963.
- FESHBACH, SEYMOUR, SINGER, ROBERT D., and FESHBACH, NORMA: Effects of anger arousal and similarity upon the attribution of hostility to pictorial stimuli. *Journal of Consulting Psychology*, 27(3):248-252, 1963.
- KAUFMANN, HARRY, and FESHBACH, SEYMOUR: The influence of anti-aggressive communications upon the response to provocation. *Journal of Personality*, 31(3):428-444, 1963.
- LOEB, ARMIN, BECK, AARON T., FESHBACH, SEYMOUR, and WOLF, ABRAHAM: Some effects of reward upon the social perception and motivation of psychiatric patients varying in depression. *Journal of Abnormal and Social Psychology*, 68: 609-616, 1964. (Also acknowledges MH-3358)
- SINGER, ROBERT D., and FESHBACH, SEYMOUR: Effects of anxiety arousal in psychotics and normals upon the perception of anxiety in others. *Journal of Personality*, 30(4):574-587, 1962.
- GREENSPOON, J.: Private experience revisited. *Psychological Record*, 11:373-382, 1961.
- GREENSPOON, J.: Verbal conditioning and clinical psychology. In: Bachrach, A. J., ed. *Experimental foundation of clinical psychology*. New York, Basic Books, 1962, p. 510-553.
- MH-3217 (R01) MUSSEN, PAUL H., and HARTFIELD, JOHN S.: Antecedents and effects of parental identification. University of California, Berkeley, Calif. (1959-63)
- MUSSEN, P. H.: Some antecedents and consequences of masculine sex-typing in adolescent boys. *Psychological Monographs*, 72(2):1-24, 1961. (Whole No. 506).
- MUSSEN, P. H.: Long-term consequences of masculinity of interests in adolescence. *Journal of Consulting Psychology*, 26(5):435-440, 1962.
- MUSSEN, P. H., and RUTHERFORD, ELDRED: Parent-child relations and parental personality in relation to young children's sex-role preferences. *Child Development*, 34:589-607, 1963.
- MH-3223 (R01) HOLTZMAN, WAYNE H., and THORPE, JOSEPH S.: Inkblot perception and personality. University of Texas, Austin, Texas (1959- )
- HERRON, E. WAYNE: Psychometric characteristics of a thirty-item version of the group method of Holtzman Inkblot Technique. *Journal of Clinical Psychology*, 19(4):450-453, 1963.
- HERRON, E. W.: Changes in inkblot perception with presentation of the Holtzman inkblot technique as an "intelligence test." *Journal of Projective Techniques*, 28:442-447, 1964.
- HOLTZMAN, WAYNE H.: Can the computer supply the clinician? *Journal of Clinical Psychology*, 16(2):119-122, 1960.
- HOLTZMAN, WAYNE H.: Holtzman inkblot technique. Austin, Texas, Hogg Foundation, 1960, 417 p.
- HOLTZMAN, WAYNE H.: Inkblot perception and personality: The meaning of inkblot variables. *Bulletin of the Menninger Clinic*, 27(2):84-1963.
- HOLTZMAN, W. H., GORHAM, D. R., and MORRIS, L. J.: A factor-analytic study of schizophrenic thought processes. *Journal of Abnormal Social Psychology*, 69(4):355-364, 1964.
- HOLTZMAN, WAYNE H., MOSLEY, EDWARD, REINHART, ROBERT C., and ABBOTT, ELAN: Comparison of the group method and the standard



- individual version of the Holtzman Inkblot Technique. *Journal of Clinical Psychology*, 19(4): 441-449, 1963.
- HOLTZMAN, WAYNE H., THORPE, J. S., SWARTZ, J. D., and HERRON, E. W.: Inkblot perception and personality. Austin, University of Texas Press, 1961, 417 p.
- MOSELEY, E. C.: Psychodiagnosis on the basis of the HIT. *Journal of Projective Techniques*, 27(1): 86-91, 1963.
- SWARTZ, JON D.: Performance of high- and low-anxious children on the Holtzman inkblot technique. *Child Development*, 36(2):569-575, 1965.
- SWARTZ, JON D., and HOLTZMAN, WAYNE H.: Group method of administration for the Holtzman Inkblot Technique. *Journal of Clinical Psychology*, 19(4):433-453, 1963.
- THORPE, JOSEPH S., and SWARTZ, JON D.: The roles of intelligence and social status in rejections on the Holtzman Inkblot Technique. *Journal of Projective Techniques*, 27:248-251, 1963.
- THORPE, JOSEPH S., and SWARTZ, JON D.: Level of perceptual development as reflected in responses to the Holtzman Inkblot Technique. *Journal of Projective Techniques and Personality Assessment*, 29(3):380-386, 1965.
- MH-3225 (R01) APRISON, MORRIS H., and FERSTER, CHARLES B.: Neurochemical correlates of behavior. Indiana University, Indianapolis, Ind. (1959- )
- APRISON, M. H.: On a proposed theory for the mechanism of action of serotonin in brain. *Recent Advances in Biological Psychiatry*, 4:133-146, 1962.
- APRISON, M. H.: Research approaches to problems in mental illness: Brain neurohumor-enzyme systems and behavior. In: Himwich, William A., and Schade, J. P., eds. *Progress in brain research*. Vol. 16. New York, Elsevier, 1965, p. 48-80.
- APRISON, M. H., and FERSTER, C. B.: Behavioral effects of 5-hydroxytryptophan. (Abstract) *Experientia*, 16:159, 1960.
- APRISON, M. H., and FERSTER, C. B.: Neurochemical correlates of behavior: II. Correlation of brain monoamine oxidase activity with behavioral changes after iproniazid and 5-hydroxytryptophan administration. *Journal of Neurochemistry*, 6: 350-357, 1961.
- APRISON, M. H., and FERSTER, C. B.: Neurochemical correlates of behavior: I. Quantitative measurement of the behavioral effects of the serotonin precursor, 5-hydroxytryptophan. *Journal of Pharmacology and Experimental Therapeutics*, 131: 100-107, 1961.
- APRISON, M. H., and FERSTER, C. B.: Serotonin and behavior. *Recent Advances in Biological Psychiatry*, 3:151-162, 1961.
- APRISON, M. H., and FOLKERTH, T. L.: Relationship between cerebellum and liver monoamine oxidase activity. (Abstract) *The Physiologist*, 5: 100, 1962.
- APRISON, M. H., FOLKERTH, T. L., and TAKAHASHI, RYO: The 5-hydroxytryptophan decarboxylase-monoamine oxidase and choline acetylase-cholinesterase systems in several discrete areas of the avian brain. (Abstract) *Physiologist*, 6:130, 1963.
- APRISON, M. H., GRAHAM, L. T., JR., BAXTER, C. F., and WERMAN, R.: Distribution of gamma-aminobutyric acid in cat spinal cord and roots. (Abstract) *Physiologist*, 8(3):103, 1965.
- APRISON, M. H., GRAHAM, L. T., LIVENGOD, D. R., and WERMAN, R.: Distribution of glutamic acid in the cat spinal cord and roots. (Abstract) *Federation Proceedings*, 24(2)Part I:462, 1965.
- APRISON, M. H., and HINGTGEN, J. N.: Brain norepinephrine in pigeons during period of atypical behavior following 5-hydroxytryptophan administration. (Abstract) *Federation Proceedings*, 22: 273, 1963.
- APRISON, M. H., and HINGTGEN, J. N.: Neurochemical correlates of behavior: IV. Norepinephrine and dopamine in four brain parts of the pigeon during period of atypical behavior following the injection of 5-hydroxytryptophan. *Journal of Neurochemistry*, 12(12):959-968, 1965.
- APRISON, M. H., and SEGAR, WILLIAM E.: Electrolyte distribution and water content in six discrete areas of the developing mammalian brain. *Recent Advances in Biological Psychiatry*, 5:279-292, 1963.
- APRISON, M. H., and TAKAHASHI, R.: Biochemistry of the avian central nervous system—II. 5-hydroxytryptamine, acetylcholine, 3,4-dihydroxyphenylethylamine, and norepinephrine in several discrete areas of the pigeon brain. *Journal of Neurochemistry*, 12(3):221-230, 1965.
- APRISON, M. H., TAKAHASHI, R., and FOLKERTH, T. L.: Biochemistry of the avian central nervous system. I. The 5-hydroxytryptophan decarboxylase-monoamine oxidase and cholineacetylase-acetylcholinesterase systems in several discrete areas of the pigeon brain. *Journal of Neurochemistry*, 11: 341-350, 1964.
- APRISON, M. H., and WERMAN R.: The distribution of glycine in cat spinal cord and roots. *Life Sciences*, 4(21):2075-2083, 1965.
- APRISON, M. H., WOLF, MARY ANN, and POULOS, G. J.: Correlation between level of brain serotonin and behavior. (Abstract) *Federation Proceedings*, 21:322, 1962.

- APRISON, M. H., WOLF, MARY ANN, POULOS, G. L., and FOLKERTH, T. L.: Neurochemical correlates of behavior: III. Variation of serotonin content in several brain areas and peripheral tissues of the pigeon following 5-hydroxytryptophan administration. *Journal of Neurochemistry*, 9:575-584, 1962.
- FERSTER, C. B., and APRISON, M. H.: A multiple-unit pigeon apparatus. *Journal of the Experimental Analysis of Behavior*, 3:165-166, 1960.
- FOLKERTH, T. L., and APRISON, M. H.: Comparison of the recovery of monoamine oxidase activity after treatment with trans-2-phenylcyclo-propylamine (SKF 385) and beta-phenylisopropyl hydrazine (JB516). (Abstract) *Pharmacologist*, 4:169, 1962.
- GRAHAM, L. T., JR., WERMAN, R., and APRISON, M. H.: Microdetermination of glutamate in single cat spinal roots. *Life Sciences*, 4(10):1085-1090, 1965.
- HANIG, R. C., and APRISON, M. H.: Determination of calcium, magnesium, sodium and potassium in rabbit caudate nuclei by atomic absorption spectrophotometry. *Life Sciences*, 4(9):945-948, 1965.
- HANIG, RUTH C., and APRISON, M. H.: Determination of eight cations in five specific brain areas in the rabbit by atomic absorption spectrophotometry. (Abstract) *Federation Proceedings*, 25(2):511, 1966.
- HINGTGEN, J. N., and APRISON, M. H.: Behavioral response rates in pigeons: Effect of alpha-methyl-tyrosine. *Science*, 141:169-171, 1963.
- HINGTGEN, J. N., and APRISON, M. H.: Behavioral changes following increased levels of total brain serotonin in pigeons. (Abstract) *American Psychologist*, 19:498, 1964.
- HINGTGEN, J. N., and APRISON, M. H.: Interrelation between four measures of the behavioral response in pigeons with elevated serotonin levels. In: Wortis, Joseph, ed. *Recent advances in biological psychiatry*. Vol. 7. New York, Plenum Press, 1965, p. 163-170.
- JACKSON, R. L., and APRISON, M. H.: Partial purification of mammalian brain cholinesterase. *Life Sciences*, 6:415-418, 1963.
- MCCAMAN, R. E., and APRISON, M. H.: The synthetic and catabolic enzyme systems for acetylcholine and serotonin in several discrete areas of the developing rabbit brain. In: Himwich, W. A., and Himwich, H. E., eds. *Progress in brain research*. Vol. 9. Amsterdam, Elsevier, 1964, p. 220-247.
- RICHARDSON, T. W., APRISON, M. H., and WERMAN, R.: An automatic direct-current operating temperature-control device. *Journal of Applied Physiology*, 20(6):1355-1356, 1965.
- TAKAHASHI, R., and APRISON, M. H.: Acetylcholine content of discrete areas of the brain obtained by a near-freezing method. *Journal of Neurochemistry*, 11:887-898, 1964.
- TORU, M., HINGTGEN, J. N., and APRISON, M. H.: Acetylcholine concentrations in brain areas of rats during three states of avoidance behavior: Normal, depression, and excitation. *Life Sciences*, 5(2):181-189, 1966.
- WIGGS, J. W., and APRISON, M. H.: The effect of several 5-hydroxyindole derivatives on red blood cell cholinesterase. (Abstract) *Physiologist*, 4:134, 1961.
- MH-3226 (R01) FRIEND, DALE G., and HOSKINS, ROBERT G.: Imipramine effects before and after norepinephrine. Peter Bent Brigham Hospital, Boston, Mass. (1959-61)
- FRIEND, DALE G.: The metabolism of dihydroxy-phenylalanine in man before and after administration of psychotropic drugs. *Annals of the New York Academy of Sciences*, 96:152-158, 1962.
- MH-3229 (R01) WEISS, BERNARD, and LATIES, VICTOR G.: Effects of psychopharmacological agents on behavior. Johns Hopkins University, Baltimore, Md. (1959-65)
- LATIES, V. G., and WEISS, B.: Effects of alcohol on timing behavior. *Journal of Comparative and Physiological Psychology*, 55:85-91, 1962.
- LATIES, V. G., and WEISS, B.: Effects of a concurrent task on fixed-interval responding in humans. *Journal of the Experimental Analysis of Behavior*, 6:431-436, 1963.
- LATIES, VICTOR G., and WEISS, BERNARD: Response cost and confirming behavior. *Psychonomic Science*, 1:355-356, 1964.
- LATIES, V. G., WEISS, B., CLARK, R. L., and RYNNOLDS, M. D.: Overt "mediating" behavior during temporally spaced responding. *Journal of the Experimental Analysis of Behavior*, 8(2):107-116, 1965.
- SINGEL, LOUIS: A method for converting voltage levels. *Journal of the Experimental Analysis of Behavior*, 8(5):339-340, 1965.
- WEISS, B.: Engineering perspectives in the analysis of behavior. *Convention Record, IRE*, 9:103-110, 1962.
- WEISS, B., and LATIES, V. G.: Behavioral thermoregulation. *Science*, 133:1338-1344, 1961.
- WEISS, B., and LATIES, V. G.: A foot electrode for monkeys. *Journal of the Experimental Analysis of Behavior*, 5:535-536, 1962.
- WEISS, B., and LATIES, V. G.: Enhancement of human performance by caffeine and the amphetamines. *Pharmacological Reviews*, 14:1-36, 1962.

- WEISS, B., and LATIES, V. G.: Characteristics of aversive thresholds measured by a titration schedule. *Journal of the Experimental Analysis of Behavior*, 6:563-472, 1963.
- WEISS, B., and LATIES, V. G.: Effects of amphetamine, chlorpromazine, and pentobarbital on behavior thermoregulation. *Journal of Pharmacology and Experimental Therapeutics*, 140:4-7, 1963.
- WEISS, BERNARD, and LATIES, VICTOR G.: Drug effects on the temporal patterning of behavior. *Federation Proceedings*, 23:801-807, 1964.
- WEISS, BERNARD, and LATIES, VICTOR G.: Analgesic effects in monkeys of morphine, nalorphine, and a benzomorphan narcotic antagonist. *Journal of Pharmacology and Experimental Therapeutics*, 143:169-173, 1964.
- WEISS, B., and LATIES, V. G.: Reinforcement schedule generated by an On-line digital computer. *Science*, 148(3670):658-661, 1965.
- WEISS, B., LATIES, V. G., and BLANTON, F. L.: Amphetamine toxicity in rats and mice subjected to stress. *Journal of Pharmacology and Experimental Therapeutics*, 132:366-371, 1961.
- YEH, S. D., and WEISS, B.: Behavioral thermoregulation during vitamin B deficiency. *American Journal of Physiology*, 205:857-862, 1963.
- MH-3230 (R01) FREEDMAN, ALFRED M., and DEUTSCH, MARTIN: Psychopharmacological agents in children. State University of New York, Downstate Medical Center, Brooklyn, N.Y. (1959-60) (Continued as MH-4438).
- FREEDMAN, ALFRED, DEUTSCH, MARTIN, and DEUTSCH, CYNTHIA: Effects of hydroxyine hydrochloride on the reaction time performance of schizophrenic children. *Archives of General Psychiatry*, 3:153-159, 1960. (Also acknowledges MH-4438).
- FREEDMAN, ALFRED M., DEUTSCH, MARTIN, and DEUTSCH, CYNTHIA: Sensory response of schizophrenic children under Atarax: A new method of measurement. *Neuro-psychopharmacology*, 2:356-360, 1961. (Also acknowledges MH-4438).
- MH-3231 (R01) GERTNER, SHELDON B.: Monoamine oxidase and ganglionic transmission. Seton Hall College of Medicine and Dentistry, Jersey City, N.J. (1959-64)
- GERTNER, S. B.: The effect of various amines on transmission through the superior cervical ganglion. (Abstract) *Biochemical Pharmacology*, 8: 19, 1961.
- GERTNER, S. B.: The effects of monoamine oxidase inhibitors on ganglionic transmission. *Journal of Pharmacology and Experimental Therapeutics*, 31: 223-230, 1961.
- GERTNER, S. B.: The effect of lowered calcium on the actions of acetylcholine and 5-hydroxytryptamine on the perfused superior cervical ganglion of the cat. (Abstract) *The Pharmacologist*, 4:114, 1962.
- GERTNER, S. B., and GOLDSTEIN, M.: Formation of a new metabolite of epinephrine and norepinephrine in liver and kidney. *Nature*, 187:147-148, 1960.
- GERTNER, S. B., and ROMANO, A.: Action of hydralazine on ganglionic transmission. (Abstract) *Pharmacologist*, 2(2):89, 1960.
- GERTNER, S. B., and ROMANO, A.: Action of guanethidine and bretylium on ganglionic transmission. (Abstract) *Federation Proceedings*, 20(1)Part I: 319, 1961.
- GERTNER, S. B., and ROMANO, A.: The effect of hydralazine on ganglionic transmission. (Abstract) *Journal of Pharmacology and Experimental Therapy*, 138:309, 1962.
- GOLDSTEIN, M., FRIEDHOFF, A., WORTIS, S. B., and GERTNER, S. B.: The differences in the accumulation and metabolism of catechol amines in heart and liver. *Separatum Experientia*, 15:369-373, 1960.
- MH-3232 (R01) NOBLES, W. LEWIS: Open chain analogs of reserpine. University of Mississippi, University, Miss. (1959-63)
- BRUENING, CHARLOTTE H., and NOBLES, LEWIS W.: Synthetic relatives of reserpine. *Journal of Pharmaceutical Sciences*, 54(6):925-926, 1965.
- MH-3235 (R01) BURKE, JOSEPH A., and WILDER, CHARLES G.: Developmental effects of some psychotropic agents. Loyola College, Baltimore, Md. (1959-64)
- BURKE, JOSEPH A.: Some effects of lysergic acid diethylamide and related agents on embryonic heart rate in "fundulus." (Abstract) *Biological Bulletin*, 119(2):307, 1960.
- BURKE, JOSEPH A.: Some morphological effects of lysergic acid diethylamide and related agents on early embryonic development in "fundulus." (Abstract) *Biological Bulletin*, 119(2):308, 1960.
- BURKE, JOSEPH A., and ORLANDO, JOSEPH C.: Lysergic acid diethylamide and growth in "fundulus." (Abstract) *Biological Bulletin*, 121(2): 384-385, 1961.
- BURKE, JOSEPH A., and SPEAR, JOSEPH F.: Some morphological and physiological effects of thalidomide on the embryos of "fundulus heteroclitus." (Abstract) *Biological Bulletin*, 125(2):373, 1963.
- BURKE, JOSEPH A., SPEAR, JOSEPH F., and WILBER, C. G.: Some effects of lysergic acid diethylamide (LSD-25) on early development in "fundu-

- lus heteroclitus." (Abstract) *Anatomical Record*, 137(3):344-345, 1960.
- SUDAK, FRED N., and WILBER, CHARLES G.: Cardiovascular and respiratory activity in dog fish. *Biological Bulletin*, 119:341-342, 1960.
- SUDAK, F. N., and WILBER, C. G.: Cardiovascular responses to hemorrhage in the dog fish. *Biological Bulletin*, 119:342, 1960.
- WILBER, C. G., and BURKE, J. A.: Lysergic acid diethylamide and physical performance in mice. (Abstract) *Anatomical Record*, 137(3):401, 1960.
- WILBER, CHARLES G., and BURKE, J. A.: The effect of lysergic acid diethylamide on swimming time in albino mice. *Life Sciences*, 1(2):134-138, 1963.
- WILBER, CHARLES G., and ROBINSON, PAUL F.: The correlation of length, weight and girth in the toadfish, *Opsanus Tau*. *Chesapeake Science*, 1(2):122-123, 1960.
- WILBER, CHARLES G., and SUDAK, FREDERICK N.: Circulatory responses of elasmobranchs to hemorrhage. (Abstract) *Anatomical Record*, 138(3):389, 1960.
- WILBER, C. G., and SUDAK, F. N.: Cardiovascular and respiratory reflexes in elasmobranchs. (Abstract) *Biological Bulletin*, 119(2):349, 1960.
- WILBER, CHARLES G., and SUDAK, FREDERICK N.: Some effects of lysergic acid diethylamide on circulation in elasmobranchs. *Biological Bulletin*, 119:349-350, 1960.
- MH-3236 (R01) ORR, RICHARD H.: Metabolism of information in psychopharmacology. Institute for Advancement of Medical Communication, Bethesda, Md. (1959-60)
- ORR, RICHARD H.: The metabolism of information in psychopharmacology. *Psychopharmacology Service Center Bulletin*, July 1961, p. 4-6.
- ORR, RICHARD H., and CROUSH, ELEANOR M.: Secondary publication in cardiovascular, endocrine and psychopharmacologic research. *American Documentation*, 13(2):197-203, 1961.
- MH-3238 (R01) BINDRA, DALBIR: Interaction of habit strength and drug effects. McGill University, Montreal, Can. (1960- )
- BACON, W. B.: Resistance to extinction following blocking of the instrumental response during acquisition. *Journal of Experimental Psychology*, 69(5):515-521, 1965.
- BINDRA, D.: Effects of several drugs on relevant and irrelevant behavior components in a lever-pressing situation. *Psychological Reports*, 11:307-310, 1962.
- BINDRA, D.: Effects of nonreinforcement, drive-diminution, and punishment on relevant and irrelevant behavior in the runway. *Psychological Record*, 13:273-282, 1963.
- BINDRA, D.: Temporal analysis of relevant and irrelevant behavior components in partial reinforcement and extinction. *Psychological Reports*, 13:551-563, 1963.
- BINDRA, D., and ANCHEL, H.: Immobility as an avoidance response, and its disruption by drugs. *Journal of Experimental Analysis of Behavior*, 6(2):213-218, 1963.
- BINDRA, D., and MENDELSON, J.: Interaction of habit strength and drug effects. *Journal of Comparative and Physiological Psychology*, 55:217-219, 1962.
- BINDRA, D., and MENDELSON, J.: Training, drive level, and drug effects: A temporal analysis of their combined influence on behavior. *Journal of Comparative and Physiological Psychology*, 56(1):183-189, 1963.
- BINDRA, DALBIR, and MOSCOVITCH, ALAN: Attention, discrimination learning, and observing responses. *Psychonomic Science*, 3(5):223-224, 1965.
- BINDRA, DALBIR, NYMAN, KENNETH, and WISB, JACK: Barbiturate-induced dissociation of acquisition and extinction: Role of movement-initiating processes. *Journal of Comparative and Physiological Psychology*, 60(2):223-228, 1965.
- BINDRA, DALBIR, and REICHERT, HELMUT: Dissociation of movement initiation without dissociation of response choice. *Psychonomic Science*, 4(3):95-96, 1966.
- MENDELSON, J., and BINDRA, D.: Combination of drive and drug effects. *Journal of Experimental Psychology*, 63(5):505-509, 1962.
- OVERTON, D. A.: State-dependent or "dissociated" learning produced with pentobarbital. *Journal of Comparative and Physiological Psychology*, 57:3-13, 1964.
- POSLENS, D.: An analysis of chlorpromazine-induced suppression of the avoidance response. *Psychopharmacologia*, 3:361-373, 1962.
- RASKIN, LARRY M.: The influence of cue position and pretraining on successful discrimination learning in the rat. *Psychonomic Science*, 3(5):221-222, 1965.
- REVESZ, C., KERNAGHAN, D., and BINDRA, D.: Sexual drive of female rats, "masculinized" by testosterone during gestation. *Journal of Endocrinology*, 25:549-550, 1963.
- WILLIAMS, JUDITH A.: Novelty, GSR, and stimulus generalization. *Canadian Journal of Psychology*, 17(1):52-61, 1963.
- MH-3239 (R01) ROE, ANNE: Origin of interests in early family experiences. Harvard University,

- MH-2106).
- ROE, ANNE, and SIEGELMAN, M.: A parent-child relations questionnaire. *Child Development*, 34: 355-369, 1963. (Also acknowledges MH-210 and MH-2106).
- MH-3240 (R03) LAVECK, GERALD D.: Chromosomal study in mental retardation. Rainier School, Buckley, Wash. (1959-59)
- LAVECK, G. D.: Endocrinopathies associated with mental retardation. *Northwest Medicine*, 59:203-209, 1960.
- LAVECK, G. D., and DE LA CRUZ, F.: Medical Advances in Prevention of mental retardation. In: The special child in century 21. Seattle, Special Child Publications, 1964, p. 23-46.
- MH-3241 (R01) KILLAM, KEITH F., JR., and HANCE, A. J.: Drug studies on electrical correlates of conditioning. Stanford University, Stanford, Calif. (1959- )
- BERRY, C. A., and STARK, L. G.: Modification of conditional behavior by prior experience. *Psychopharmacologia*, 7(6):409-415, 1965. (Also acknowledges MH-3374).
- LINDSLEY, D. F., CARPENTER, R. S., and KILLAM, E. K.: EEG and discrimination performance in cats under atropine. I. Light-dark and pattern discrimination. (Abstract) *Federation Proceedings*, 24(2)Part I:516, 1965.
- LOESER, J. D., and KILLAM, K. F.: Influence of chlorpromazine and pentobarbital on reticulothalamic pathways. (Abstract) *Pharmacologist*, 5:79, 1963.
- MILLIGAN, M. M., and GABOR, K.: The effects of morphine on discriminative behavior in rats. (Abstract) *Pharmacologist*, 5:262, 1963.
- MITCHELL, C. L., NELSON, S. D., and KILLAM, K. F.: Modification of afferent interaction patterns by chlorpromazine, meprobamate, morphine and pentobarbital. (Abstract) *Pharmacologist*, 3:79, 1961. (Also acknowledges MH-3374).
- SEIDEN, L. S., KOENIG, J., and KILLAM, K. F.: EEG and discrimination performance in cats under atropine: II. Total luminous flux (TLF) discrimination. (Abstract) *Federation Proceedings*, 24(2)Part I:516, 1965.
- MH-3244 (R01) HABER, RALPH N.: Antecedents of perceptual selectivity. Yale University, New Haven, Conn. (1959-64)
- HABER, R. N.: A replication: Selective attention and coding in visual perception. *Journal of Experimental Psychology*, 67:402-404, 1964.
- ceptual memory. *Journal of Experimental Psychology*, 68(4):357-362, 1964.
- HABER, RALPH NORMAN: Limited modification of the trapezoidal illusion with experience. *American Journal of Psychology*, 78(4):651-655, 1965.
- HABER, R. N.: Effect of prior knowledge of the stimulus on word-recognition processes. *Journal of Experimental Psychology*, 69(3):282-286, 1965.
- HABER, R. N.: Automatic measurement and recording of latency data. *Perceptual and Motor Skills*, 20(2):605-608, 1965.
- HABER, R. N., and HABER, R. B.: Eidetic imagery: I. Frequency. *Perceptual and Motor Skills*, 19: 131-138, 1964.
- HABER, RALPH NORMAN, and HERSHENSON, MAURICE: Effects of repeated brief exposures on the growth of a percept. *Journal of Experimental Psychology*, 69(1):40-46, 1965.
- HABER, R. N., HERSHENSON, M., and SCHROEDER, D.: Apparatus note: The use of an IBM 024 or 026 card punch for simultaneous stimulus programming and response recording. *Perceptual and Motor Skills*, 15:627-630, 1962.
- HARRIS, C. S., and HABER, R. N.: Selective attention and coding in visual perception. *Journal of Experimental Psychology*, 65:328-333, 1963.
- HERSHENSON, M.: Visual discrimination in the human newborn. *Journal of Comparative and Physiological Psychology*, 58:270-276, 1964. (Also acknowledges MH-1787).
- HERSHENSON, M., and HABER, R. N.: The role of meaning in the perception of briefly exposed words. *Canadian Journal of Psychology*, 19(1): 42-46, 1965.
- WEISSTEIN, N., and HABER, R. N.: A u-shaped backward masking function in vision. *Psychonomic Science*, 2:75-76, 1965.
- MH-3246 (R01) SPERRY, BESSIE, and STAYER, NANCY: Neurotic learning problems in young boys. Judge Baker Guidance Clinic, Boston, Mass. (1959-62)
- GARDNER, GEORGE E., and SPERRY, BESSIE M.: Basic work ambivalence and the learning disabilities in childhood and adolescence. *American Journal of Psychotherapy*, 18(3):377-392, 1964.
- GRUNBAUM, MARGARET GALDSTON, HURWITZ, IRVING, PRENTICE, NORMAN M., and SPERRY, BESSIE M.: Fathers of sons with primary neurotic learning inhibitions. *American Journal of Orthopsychiatry*, 32(3):462-472, 1962. (Also acknowledges MH-826).

- KORSTVEDT, A., KUHLMAN, CLEMENTINA, PRENTICE, N. M., and TESSMAN, ELIEN: "Causal" thinking in learning disabilities in latency-aged boys. (Abstract) *American Journal of Orthopsychiatry*, 34:367-368, 1964.
- PRENTICE, N. M.: Individual achievement testing of children with learning problems: A clinical guide. *Journal of Projective Techniques and Personality Assessment*, 28:448-464, 1964. (Also acknowledges MH-826).
- PRENTICE, N. M., and SPERRY, BESSIE, M.: Therapeutic tutoring of children with primary neurotic learning inhibition. (Abstract) *American Journal of Orthopsychiatry*, 34:357-358, 1964.
- PRENTICE, N. M., and SPERRY, B. M.: Therapeutically oriented tutoring of children with primary neurotic learning inhibitions. *American Journal of Orthopsychiatry*, 35(3):521-530, 1965. (Also acknowledges MH-826).
- STAVER, NANCY, and PRENTICE, N. M.: The role of the social worker in the psychological testing process. (Abstract) *American Journal of Orthopsychiatry*, 34:315-316, 1964.
- WALLACH, M., ULRICH, D., and GRUNEBaum, MARGARET: Relationship of family disturbance to cognitive difficulties in a learning-problem child. *Journal of Consulting Psychology*, 24(4):355-360, 1960. (Also acknowledges MH-826).
- YOUNG, R. A., and SPERRY, BESSIE, M.: Some educational aspects of learning inhibitions in boys. In: Vincent, M. S., and Curtis, B., eds. *The education register*. Boston, Vincent-Curtis, 1960.
- MH-3253 (R01) FREEMAN, HARRY, and BARBER, THEODORE X.: Hallucinatory behavior of normals and schizophrenics. Worcester Foundation for Experimental Biology, Shrewsbury, Mass. (1959-61)
- BARBER, T. X.: The necessary and sufficient conditions for hypnotic behavior. *American Journal of Clinical Hypnosis*, 3:31-42, 1960.
- BARBER, T. X.: Antisocial and criminal acts induced by hypnosis. *Archives of General Psychiatry*, 5: 301-312, 1961.
- BARBER, T. X.: Experimental evidence for a theory of hypnotic behavior: I. Hypnotic color-blindness without hypnosis. *International Journal of Clinical and Experimental Hypnosis*, 9:79-86, 1961.
- BARBER, T. X.: Experimental evidence for a theory of hypnotic behavior: II. Experimental controls in hypnotic age-regression. *International Journal of Clinical and Experimental Hypnosis*, 9:181-193, 1961.
- BARBER, T. X.: Physiological effects of hypnosis. *Psychological Bulletin*, 58:390-419, 1961.
- BARBER, T. X.: Toward a theory of "hypnotic" behavior: The "hypnotically induced dream." *Journal of Nervous and Mental Disease*, 135:206-221, 1962. (Also acknowledges MH-4825).
- BARBER, T. X.: Hypnotic age-regression: A critical review. *Psychosomatic Medicine*, 24:286-299, 1962.
- BARBER, T. X., and GLASS, L. B.: Significant factors in hypnotic behavior. *Journal of Abnormal and Social Psychology*, 64:222-228, 1962.
- GLASS, L. B., and BARBER, T. X.: A note on hypnotic behavior, the definition of the situation and the placebo effect. *Journal of Nervous and Mental Disease*, 132:539-541, 1961.
- MH-3258 (R01) GASTAUT, HENRI, and NAQUET, ROBERT: Brain mechanisms of behavior. University of Aix-Marseille Faculty of Medicine, Marseille, France. (1960- )
- BECK, EDWARD C., and BAROLIN, GERHARD S.: Effect of hypnotic suggestion on evoked potentials. *Journal of Nervous and Mental Diseases*, 140(2):154-161, 1965.
- GASTAUT, H., BECK, E., FAIDHERBE, J., FRANCK, G., FRESSY, J., REMOND, A., SMITH, C., and WERRE, P.: A transcranial chornographic and topographic study of cerebral potentials evoked by photic stimulation in man. In: Moruzzi, Giuseppe, ed. *Progress in brain research*. Vol. 1. Brain mechanisms. Amsterdam-London-New York, Elsevier, 1963, p. 374-392.
- GASTAUT, H., FRANCK, G., KROLIKOWSKA, W., NAQUET, R., RÉGIS, H., and ROGER, J.: Etude des potentiels évoqués visuels chez des hémianopiques présentant des crises épileptiques visuelles dans leur champ aveugle. *Revue Neurologique*, 108:316-322, 1963.
- WERRE, P. F., and SMITH, C. J.: Variability of responses evoked by flashes in man. *Electroencephalography and Clinical Neurophysiology*, 17: 644-652, 1964.
- MH-3262 (R01) O'CONNOR, JAMES P., LORR, MAURICE, and STAFFORD, JOHN WILLIAM: An inventory of psychiatric patient behavior. Catholic University of America, Washington, D.C. (1959-63)
- LORR, MAURICE, and O'CONNOR, JAMES P.: Psychotic symptom patterns in a behavior inventory. *Educational and Psychological Measurement*, 22: 139-146, 1962. (Also acknowledges MH-1308).
- LORR, MAURICE, O'CONNOR, JAMES P., and STAFFORD, JOHN W.: The psychotic reaction profile. *Journal of Clinical Psychology*, 16(3):241-245, 1960. (Also acknowledges MH-1308).
- MCAIR, D. M., and LORR, M.: Differential typing of psychiatric outpatients. *Psychological Record*, 15:33-41, 1965.

- MH-3267 (R01) FISHER, CHARLES, DEMENT, WILLIAM C.: Psychophysiology of dreams and sleep. Mount Sinai Hospital, New York, N.Y. (1960-)
- ANTROBUS, J. S., DEMENT, W., and FISHER, C.: Patterns of dreaming and dream recall: An EEG study. *Journal of Abnormal and Social Psychology*, 69(3):341-344, 1964.
- ANTROBUS, JOHN S., ANTROBUS, JUDITH S., and SINGER, JEROME L.: Eye movements accompanying daydreaming, visual imagery, and thought suppression. *Journal of Abnormal and Social Psychology*, 69(3):244-252, 1964. (Also acknowledges MH-2279).
- ANTROBUS, JUDITH S., ANTROBUS, JOHN S., and FISHER, CHARLES: Discrimination of dreaming and nondreaming sleep. *Archives of General Psychiatry*, 12(4):395-401, 1965.
- DEMENT, W.: The effect of dream deprivation. *Science*, 131(3415):1705-1707, 1960.
- DEMENT, WILLIAM C.: Eye movements during sleep. In: Bender, M. B., ed. *The oculomotor system*. New York, Harper & Row, 1964, p. 366-416.
- DEMENT, W., and FISHER, C.: Studies in dream deprivation and satiation: An experimental demonstration of the necessity for dreaming. (Abstract) *Bulletin of the Philadelphia Association for Psychoanalysis*, 10:30, 1960.
- DEMENT, W., and FISHER, C.: Studies in dream deprivation and satiation. (Abstract) *Psychoanalysis Quarterly*, 29:671, 1960.
- DEMENT, WILLIAM C., and FISHER, C.: III. Experimental interference with the sleep cycle. *Canadian Psychiatric Association Journal*, 8(6):400-405, 1963.
- FISHER, C.: Introduction to: Pözl, O., Allers, R., and Teller, J.: Preconscious stimulation in dreams, images and associations. *Psychological Issues*, 2: 7, 1961.
- FISHER, C.: Dreams. In: Deutsch, A., ed. *The encyclopedia of mental health*. New York, Franklin Watts, 1963.
- FISHER, C., and DEMENT, W.: Dreaming and psychosis: Observations on the dream-sleep cycle during the course of an acute paranoid psychosis. *Bulletin of the Philadelphia Association for Psychiatry*, 11:130-132, 1961.
- FISHER, C., and DEMENT, W.: Manipulation expérimentale du cycle réveillant par rapport aux états psychopathologiques. *Revue de Médecine Psychosomatique*, 4(1):5-12, 1962.
- FISHER, C., and DEMENT, W. C.: Studies on the psychopathology of sleep and dreams. *American Journal of Psychiatry*, 119:1160-1168, 1963.
- FISHER, C., GROSS, J., and ZUCH, J.: Cycle of penile erection synchronous with dreaming (REM) sleep. *Archives of General Psychiatry*, 12:29-45, 1965.
- GROSS, JOSEPH, BYRNE, JOSEPH, and FISHER, CHARLES: Eye movements during emergent stage 1 EEG in subjects with lifelong blindness. *Journal of Nervous and Mental Disease*, 141(3): 365-370, 1965.
- KAHN, E., DEMENT, W., FISHER, C., and BARMACK, J. E.: Incidence of color in immediately recalled dreams. *Science*, 137(3535):1054-1055, 1962.
- RECHTSCHAFFEN, A., WOLPERT, E. A., DEMENT, W. C., MITCHELL, S. A., and FISHER, C.: Nocturnal sleep of narcoleptics. *Electroencephalography and Clinical Neurophysiology*, 15:599-609, 1963. (Also acknowledges MH-4151).
- ROFFWARG, H., DEMENT, W., and FISHER, C.: Preliminary observations of the sleep-dream pattern in neonates, infants, children and adults. In: Harms, Ernest, ed. *Problems of sleep and dream in children*. International series of monographs on child psychiatry. Vol. 2, No. 2. New York, Pergamon Press, 1964, p. 60-72.
- ROFFWARG, H. P., DEMENT, W. C., MUZIO, J. N., and FISHER, C.: Dream imagery: Relationship to rapid eye movements of sleep. *Archives of General Psychiatry*, 7:235-258, 1962.
- MH-3269 (R01) PURCELL, KENNETH, BERNSTEIN, LEWIS, and BUKANTZ, SAMUEL C.: Psychopharmacology of corticosteroids with asthmatics. Jewish National Home for Asthmatic Children, Denver, Colo. (1959-63)
- BERNSTEIN, L., and PURCELL, K.: Institutional treatment of asthmatic children. In: Schneer, J. H., ed. *The asthmatic child: Psychosomatic approach to problems and treatment*. New York, Hoeber, 1963, p. 224-233.
- PURCELL, K.: Distinctions between subgroups of asthmatic children: children's perceptions of events associated with asthma. *Pediatrics*, 31:486-494, 1963.
- PURCELL, KENNETH, BERNSTEIN, LEWIS, and BUKANTZ, SAMUEL C.: Behavioral effects of prednisone in asymptomatic asthmatic children. *Journal of Nervous and Mental Disease*, 140(3):180-188, 1965.
- PURCELL, K., and METZ, J. R.: Distinctions between subgroups of asthmatic children: Some parent attitude variables related to age of onset. *Journal of Psychosomatic Medicine*, 6:251-258, 1962.
- PURCELL, K., TURNBULL, J., and BERNSTEIN, L.: Distinctions between subgroups of asthmatic children: Psychological test and behavior rating comparisons. *Journal of Psychosomatic Research*, 6: 283-291, 1962.

- MH-3271 (R01) RETZLAFF, ERNEST W., and PASAMANICK, BENJAMIN: Pharmacologic effects upon single nerve cell systems. Columbus Psychiatric Institute and Hospital, Columbus, Ohio. (1959-63)
- RETZLAFF, E., and FONTAINE, J.: A differential staining reaction demonstrating reciprocal activity in Mauthner's cells. *Experientia*, 16(8):359-364, 1960.
- RETZLAFF, E., and FONTAINE, J.: Reciprocal inhibition as indicated by a differential staining reaction. *Science*, 131:104-105, 1960.
- RETZLAFF, E., FONTAINE, J., PASAMANICK, B., and LEAKE, C. D.: Direct inhibition of Mauthner's cells. (Abstract) *Federation Proceedings*, 20(1): Part I:3251, 1961.
- RETZLAFF, E., FONTAINE, J., PASAMANICK, B., and LEAKE, C. D.: Role of axon collaterals in reciprocal innervation. (Abstract) *Federation Proceedings*, 21(2):355, 1962.
- RETZLAFF, E., FONTAINE, J., PASAMANICK, B., and LEAKE, D.: Structural and functional changes in reciprocal innervation produced by localized tetanus in the albino rat. *Federation Proceedings*, 22(2):714, 1963. (Also acknowledges MH-4592).
- RETZLAFF, ERNEST, PASAMANICK, BENJAMIN, FONTAINE, JOAN, and LEAKE, CHAUNCEY: Histochemical indication of reciprocal inhibition. (Abstract) *Federation Proceedings*, 19(1) Part I:300, 1960.
- MH-3273 (R01) FRIEDMAN, ORRIS M.: Synthesis of psychochemical agents. Brandeis University, Waltham, Mass. (1959-61)
- FRIEDMAN, O. M., PARAMESWARON, K. N., and BURSTEIN, S.: Synthesis of phenothylamines related to mescaline as possible psychotomimetic agents. *Journal of Medical Chemistry*, 6:227-229, 1963.
- MH-3275 (R03) KLUGH, HENRY E., III.: Latent extinction and secondary reinforcement. Alma College, Alma, Mich. (1959-59)
- KLUGH, H. E.: Speed of running in extinction as a function of differential goal box retention time. *Journal of Experimental Psychology*, 61(2):172-177, 1961.
- MH-3276 (R01) MANN, FLOYD C.: Shift work and mental health. University of Michigan, Ann Arbor, Mich. (1959-63)
- MOTT, PAUL E., MANN, FLOYD C., McLAUGHLIN, QUIN, and WARWICK, DONALD: Shift work: The social, psychological and physical consequences. Ann Arbor, Institute for Social Research, 1963, 470 p. (Processed).
- MH-3291 (R01) WILSON, KELLOGG V., and BIXENSTINE, V. EDWIN: Research on repeated two-person games. Kent State University, Kent, Ohio. (1959-63) (Continued as MH-4706).
- BIXENSTINE, V. E., CHAMBERS, N., and WILSON, K. V.: Effect of asymmetry of payoff on behavior in a two-person non-zero-sum game. *Journal of Conflict Resolution*, 8(2):151-159, 1964. (Also acknowledges MH-4706).
- BIXENSTINE, V. E., POTASH, H. M., and WILSON, K. V.: Effects of level of cooperative choice by the other player on choices in a prisoner's dilemma game. Part I. *Journal of Abnormal and Social Psychology*, 66:308-313, 1963. (Also acknowledges MH-4706).
- BIXENSTINE, V. E., and WILSON, K. V.: Effects of level of cooperative choice by other player on choices in a prisoner's dilemma game. Part II. *Journal of Abnormal and Social Psychology*, 67: 139-147, 1963. (Also acknowledges MH-4706).
- WILSON, K. V., and BIXENSTINE, V. E.: Forms of social control in two-person, two-choice games. *Behavioral Science*, 7:92-102, 1962. (Also acknowledges MH-4706).
- MH-3301 (R01) SHORT, JAMES F., JR.: Street corner groups and patterns of delinquency. University of Chicago, Chicago, Ill. (1959-62) (Continued as MH-7158).
- GORDON, ROBERT A., SHORT, JAMES F., JR., CARTWRIGHT, DESMOND S., and STRODTBECK, FRED L.: Values and gang delinquency: A study of street corner groups. *American Journal of Sociology*, 69:109-128, 1963. (Also acknowledges MH-7158).
- SHORT, JAMES F., JR.: The sociocultural context of delinquency. *Crime and Delinquency*, October: 365-375, 1960.
- SHORT, JAMES F., JR.: Street corner groups and patterns of delinquency: A progress report. *American Catholic Sociological Review*, 24:13-32, 1963. (Also acknowledges MH-7158).
- SHORT, JAMES F., JR.: Introduction to "The Gang" by Frederic M. Thrasher. Chicago, University of Chicago Press, abridged edition, 1963. (Also acknowledges MH-7158).
- SHORT, J. F., JR., and RIVERA, R.: Perceived opportunities, gang membership, and delinquency. *American Sociological Review*, 30:56-67, 1965. (Also acknowledges MH-7158).
- SHORT, JAMES F., and STRODTBECK, FRED L.: The response of gang leaders to status threats: An observation on group process and delinquent behavior. *American Journal of Sociology*, 68:571-579, 1963. (Also acknowledges MH-7158).



- SHORT, JAMES F., JR., and STRODTBECK, FRED L.: Group process and gang delinquency. Chicago, Ill., Univ. of Chicago Press, 1965, 294 p.
- SHORT, JAMES F., STRODTBECK, FRED L., and CARTWRIGHT, DESMOND S.: A strategy for utilizing research dilemmas: A case from the study of parenthood in a street corner gang. *Sociological Inquiry*, 32:185-202, 1962. (Also acknowledges MH-7158).
- SHORT, JAMES F., JR., TENNYSON, RAY A., and HOWARD, KENNETH I.: Behavior dimensions of gang delinquency. *American Sociological Review*, 28:412-418, 1963. (Also acknowledges MH-7158).
- STRODTBECK, FRED L., SHORT, JAMES F., JR., and KOLEGAR, ELLEN: The analysis of self-descriptions by members of delinquent gangs. *Sociological Quarterly*, 3:331-356, 1962. (Also acknowledges MH-7158).
- WHITTIER, J. R., KORENYI, C., KLEIN, D. F., and FOLEY, W.: Prevention of degenerative disease: A controlled study of anticoagulant prophylaxis. *Journal of Chronic Diseases*, 14:203-212, 1961.
- MH-3311 (R01) HOLLIDAY, AUDREY R., and DILLE, JAMES M.: Psychopharmacologic agents—human behavior responses. University of Washington, Seattle, Wash. (1959-61)
- HOLLIDAY, AUDREY R.: A comparison of benzquinamide with pentobarbital and a placebo in regard to effects on performance of a simple mental task by fatigued subjects. *Proceedings of the Western Pharmacological Society*, 7:75-78, 1964.
- HOLLIDAY, A. R.: The effects of D-amphetamine VS. placebo on both errors and correct response of humans performing a simple intellectual task. (Abstract) *Federation Proceedings*, 24(2)Part 1: 328, 1965.
- HOLLIDAY, AUDREY R., and DEVERY, WILLIAM J.: Effects of drugs on the performance of a task by fatigued subjects. *Journal of Clinical Pharmacology and Therapeutics*, 3(1):5-15, 1962.
- HOLLIDAY, AUDREY R., and DILLE, JAMES M.: An experimental investigation of the change effected by the ingestion of carisoprodol, aspirin, codeine, and a placebo upon the threshold for deep pain induced by ultrasonic stimulation. *Annals of the New York Academy of Sciences*, 86(1):147-161, 1960.
- HOLLIDAY, AUDREY R., HALL, GEORGE M., and SHARPLEY, ROBERT P.: The effects of lysergic acid diethylamide I: Critical flicker frequency. *Proceedings of the Western Pharmacology Society*, 8:48-50, 1965.
- HOLLIDAY, AUDREY R., MORRIS, RICHARD B., and SHARPLEY, ROBERT P.: Compound 84/F 1983 compared with D-amphetamine and placebo in regard to effects on human performance. *Psychopharmacologia*, 6:192-200, 1964.
- HOLLIDAY, AUDREY R., and SIGURDSON, THORBJORG: The effects of lysergic acid diethylamide II: Intraocular pressure. *Proceedings of the Western Pharmacology Society*, 8:51-54, 1965.
- MH-3312 (R01) KORNETSKY, CONAN, and KENSLE, CHARLES J.: Effects of centrally acting drugs on behavior. Boston University School of Medicine, Boston, Mass. (1959- )
- COCHIN, JOSEPH, and KORNETSKY, CONAN: Development and loss of tolerance to morphine in the rat after single and multiple injections. *Journal of Pharmacology and Experimental Therapeutics*, 145:1-10, 1964.
- KORNETSKY, C.: Individual differences in response to drugs. *Acta Psychologica*, 19(Suppl.):765-771, 1961. (Proceedings of the 16th International Congress of Psychology).
- KORNETSKY, CONAN: A comparison of the effects of desipramine and imipramine on two schedules of reinforcement. *International Journal of Neuropsychopharmacology*, 4(1):13-16, 1965.
- KORNETSKY, CONAN, and BAIN, GEORGE: The effects of chlorpromazine and pentobarbital on sustained attention in the rat. *Psychopharmacologia*, 8(4):277-284, 1965.
- KORNETSKY, C., and COCHIN, J.: Evidence of tolerance to morphine in the mouse after injection of serum from morphine-tolerant rabbits. (Abstract) *Federation Proceedings*, 23(2)Part 1:283, 1964.
- KORNETSKY, C., DAWSON, J., and PELIKAN, E. W.: Individual animal variation in the effects of pentobarbital and dextro-amphetamine. (A comparison). In: Rinkel, Max, ed. *Specific and non-specific factors in psychopharmacology*. New York, Philosophical Library, 1962, p. 161-171.
- KORNETSKY, C., and KIPLINGER, G.: Potentiation of an effect of morphine in the rat by sera from morphine-tolerant and abstinent dogs and monkeys. *Psychopharmacologia*, 4:66-71, 1963.
- KORNETSKY, CONAN, and MIRSKY, ALLAN F.: On certain psychopharmacological and physiological differences between schizophrenic and normal persons. *Psychopharmacologia*, 8(5):309-318, 1966.
- KORNETSKY, C., and ORZACK, M. H.: A research note on some of the critical factors on the dissimilar effects of chlorpromazine and secobarbital on the digit symbol substitution and continuous performance tests. *Psychopharmacologia*, 6:79-86, 1964.
- LATZ, A.: The differential effects of chlorpromazine and secobarbital on sustained attention in chronic

- schizophrenics. (Abstract) *Federation Proceedings*, 22(2): 1963.
- LATZ, ARJE, and KORNETSKY, CONAN: The effects of chlorpromazine and secobarbital under two conditions of reinforcement on the performance of chronic schizophrenic subjects. *Psychopharmacologia*, 7:77-88, 1965.
- LATZ, A., KORNETSKY, C., and BAIN, G.: The effects of d-amphetamine on discrete avoidance as a function of the pre-drug level of performance. (Abstract) *Federation Proceedings*, 24(2)Part 1: 197, 1965.
- LATZ, ARJE, KORNETSKY, CONAN, and BAIN, GEORGE: The effects of antidepressant drugs on response acquisition. (Abstract) *Pharmacologist*, 7(2):170, 1965.
- ORZACK, MARESSA HECHT, and KORNETSKY, CONAN: Attention dysfunction in chronic schizophrenia. *Archives of General Psychiatry*, 14(3): 323-326, 1966.
- MH-3313 (R01) SUMMERFIELD, ARTHUR, DREW, GEORGE C., and STEINBERG, HANNAH: Psychopharmacology of learning, perception and skill. University of London—University College, London, U.K. (1959- )
- BERRY, C.: Effects of a drug and immediate memory. *Nature*, 207(5000):1012, 1965.
- BERRY, COLIN, GELDER, MICHAEL G., and SUMMERFIELD, ARTHUR: Experimental analysis of drug effects on human performance using information theory concepts. *British Journal of Psychology*, 56(2&3):255-265, 1965.
- DICKINS, D. W., LADER, M. H., and STEINBERG, HANNAH: Differential effects of two amphetamine-barbiturate mixtures in man. *British Journal of Pharmacology and Chemotherapy*, 24(1):14-23, 1965. (Also acknowledges MH-3561).
- JOYCE, DAPHNE, and HURWITZ, H. M. B.: Avoidance behavior in the rat after 5-hydroxytryptophan (5-HTP) administration. *Psychopharmacologia*, 5:424-430, 1964.
- JOYCE, D., and MROSOVSKY, N.: Eating, drinking and activity in rats following 5-hydroxytryptophan (5-HTP) administration. *Psychopharmacologia*, 5:417-423, 1964.
- JOYCE, D., and SUMMERFIELD, A.: Effects of drugs related to serotonin on water intake and defecation in rats. Implications for behavioral studies. *Archives Internationales de Pharmacodynamie et de Therapie*, 161(2):489-494, 1966.
- LEGGE, D.: Analysis of visual and proprioceptive components of motor skill by means of a drug. *British Journal of Psychology*, 56(2&3):243-254, 1965.
- LEGGE, D., and STEINBERG, H.: Actions of a mixture of amphetamine and a barbiturate in man. *British Journal of Pharmacology*, 18:490-500, 1962.
- LEGGE, D., STEINBERG, H., and SUMMERFIELD, A.: Simple measures of handwriting as indices of drugs' effects. *Perceptual and Motor Skills*, 18: 549-558, 1964.
- RUSHTON, R., and STEINBERG, H.: Experiments with amphetamine-barbiturate mixtures. (Abstract) *Colloquium International Neuropsychopharmacology*, Third Congress, Munich, 1962, p. 94.
- RUSHTON, R., and STEINBERG, H.: Mutual potentiation of amphetamine and amylobarbitone measured by activity in rats. *British Journal of Pharmacology*, 21:295-305, 1963.
- RUSHTON, R., and STEINBERG, H.: Dose-response relations of amphetamine-barbiturate mixtures. *Nature*, 197:1017-1018, 1963.
- RUSHTON, R., and STEINBERG, H.: Modification of behavioral effects of drugs by past experience. In: Steinberg, H., de Reuck, A. V. S., and Knight, J., eds. *Animal behavior and drug action*. London, Churchill, 1964, p. 207-219.
- RUSHTON, RUTH, and STEINBERG, HANNAH: Early experience and adult reactions to drugs. In: Bente, D., and Bradley, P. B., eds. *Neuropsychopharmacology*. Vol. 4. Amsterdam, Elsevier, 1965, p. 345-346.
- RUSHTON, R., STEINBERG, H., and Tinson, C.: Effects of a single experience on subsequent reactions to drugs. *British Journal of Pharmacology*, 20, 99-105, 1963.
- STEINBERG, HANNAH: The effects of chemicals and drugs on behavior. Using drugs to study animal behavior. A review. *Animal Behavior*, 9:109, 1961.
- STEINBERG, H.: Methods and problems of measuring drug-induced changes in emotions and personality. *Review of Psychological Applications (France)*, 11:361-372, 1961.
- STEINBERG, H.: Successive approximation. In: Symposium on drugs as research tools in psychology. Proceedings of the 16th International Congress of Psychology, Bonn. Amsterdam, North Holland Publishing, 1962, p. 771-775. Also in: *Acta Psychologica*, 19: 1961.
- STEINBERG, H.: Experimental methods in psychopharmacology. In: Robson, J. M., and Stacey, R. S., eds. *Recent advances in pharmacology*. London, Churchill, 1962, p. 77-87.
- STEINBERG, H.: Psychological effects of drugs: Some problems, methods, and results. *Tijdschrift voor Psychologie (University of Nijmegen, Gawein)*, 11:384-413, 1963.

- STEINBERG, H.: Drugs and animal behavior. *British Medical Bulletin*, 20:75-80, 1964.
- STEINBERG, H.: Aspects of psychopharmacology: Drug-induced changes in emotions and personality. In: Cohen, J., ed. *Readings in psychology*. London, Allen & Unwin, 1964, p. 142-154.
- STEINBERG, HANNAH: Discussion working group 3. (Topic: Animal behavior and drugs—characteristics of the methods used and their possible significance for psychiatric therapy with drugs.) In: Bente, D., and Bradley, P. B., eds. *Neuro-psychopharmacology*. Vol. 4. Amsterdam, Elsevier, 1965, p. 123-124.
- STEINBERG, H., DE REUCK, A. V. S., and KNIGHT, J., eds.: Animal behavior and drug action. London, Churchill, 1964, 491 p.
- STEINBERG, H., LEGGE, D., and SUMMERFIELD, A.: Drug-induced changes in visual perception. In: Rothlin, E., ed. *Neuropsychopharmacology*. Vol. 2. Amsterdam, Elsevier, 1961, p. 392-396.
- STEINBERG, H., RUSHTON, R., and TINSON, C.: Modification of the effects of an amphetamine-barbiturate mixture by the past experience of rats. *Nature*, 192:533-535, 1961.
- SUMMERFIELD, A.: Serial order and coding. In: Symposium on drugs as research tools in psychology. Proceedings of the 16th International Congress of Psychology, Bonn. Amsterdam, North-Holland, 1961, p. 778-780.
- SUMMERFIELD, A.: Drugs and human behavior. *British Medical Bulletin*, 20:70-74, 1964.
- SUMMERFIELD, A., ed.: Experimental psychology. *British Medical Bulletin*, 20(1):1-86, 1964.
- SUMMERFIELD, ARTHUR: Codes and plans and organized behavior. *Bulletin of the British Psychological Society*, 17(57):1-17, 1964.
- SUMMERFIELD, A., and LEGGE, D.: Perception and information theory. *Bulletin of the British Psychological Society*, 42:23-28, 1960.
- SUMMERFIELD, A., and LEGGE, D.: Information theory and perception. In: Cohen, J., ed. *Readings in psychology*. London, Allen & Unwin, 1964, p. 236-248.
- MH-3314 (R10) GREENBLATT, MILTON, FREEMAN, HARRY, MESHORER, EDWARD, SHARP, MORRIS L., and WECHSLER, HENRY: Drug treatment of hospitalized depressed patients. Massachusetts Mental Health Center, Boston, Mass. (1959-66)
- BUSFIELD, B., SCHNELLER, P., and CAPRA, D.: Depressive symptom or side effect? A comparative study of symptoms during pretreatment and treatment periods of patients on three antidepressant medications. *Journal of Nervous and Mental Disease*, 134(4):339-345, 1962.
- BUSFIELD, B. L., JR., and WECHSLER, H.: Studies of salivation in depression. I. A comparison of salivation rates in depressed, schizo-affective depressed, nondepressed hospitalized patients and in normal controls. *Archives of General Psychiatry*, 4:10-15, 1961.
- BUSFIELD, B., and WECHSLER, H.: Salivation rate: A physiologic correlate of improvement in hospitalized depressed patients treated with three antidepressant medications. *Psychosomatic Medicine*, 24(4):337-342, 1962.
- BUSFIELD, B. L., and WECHSLER, H.: Salivation as an index of higher nervous activity in diseases with prominent psychopathology. In: Psychopharmacological method. New York, Pergamon Press, 1963, p. 346-356.
- BUSFIELD, B. L., JR., WECHSLER, H., and BARNUM, W. J.: Studies of salivation in depression: II. Physiological differentiation of reactive and endogenous depression. *Archives of General Psychiatry*, 5:472-477, 1961.
- BUSFIELD, B. L., WECHSLER, H., and BARNUM, W. J.: A physiologic correlate of diagnosis and treatment outcome in depression. Proceedings of the 3rd World Congress of Psychiatry. Vol. 2. Montreal, University of Toronto Press/McGill University Press, 1962, p. 1367-1371.
- FELDSTEIN, AARON, HOAGLAND, HUDSON, OKTEM, MILAGROS RIVERA, and FREEMAN, HARRY: MAO inhibition and antidepressant activity. *International Journal of Neuropsychiatry*, 1(4):381-383, 1965.
- FELDSTEIN, AARON, HOAGLAND, HUDSON, WONG, KEITH KAM-KIM, OKTEM, MILAGROS RIVERA, and FREEMAN, HARRY: MAO activity in relation to depression. *American Journal of Psychiatry*, 120:1192-1194, 1964.
- GREENBLATT, M., GROSSER, G., and WECHSLER, H.: A comparative study of selected antidepressant medications and EST. *American Journal of Psychiatry*, 119(2):144-153, 1962.
- GREENBLATT, MILTON, GROSSER, GEORGE H., and WECHSLER, HENRY: Differential response of hospitalized depressed patients to somatic therapy. *American Journal of Psychiatry*, 120:935-943, 1964.
- GROSSER, G. H., and FREEMAN, H.: Differential recovery patterns in the treatment of acute depression. Proceedings of the 3rd World Congress of Psychiatry. Vol. 2. Montreal, University of Toronto Press/McGill University Press, 1962, p. 1392-1402.
- WECHSLER, H.: Community growth, depressive disorders, and suicide. *American Journal of Sociology*, 67:9-16, 1961.
- WECHSLER, H., GROSSER, G. H., and BUSFIELD, B. L.: The depression rating scale: A quantita-

- tive approach to the assessment of depressive symptomatology. *Archives of General Psychiatry*, 9(4):334-343, 1963.
- WECHSLER, HENRY, GROSSER, GEORGE H., and GREENBLATT, MILTON: Research evaluating antidepressant medications on hospitalized mental patients: A survey of published reports during a five-year period. *Journal of Nervous and Mental Disease*, 141(2):231-239, 1965.
- MH-3319 (R01) YOUNGKEN, HEBER W., JR., DILL, JAMES M., and WORTHEN, LEONARD R.: Biosynthesis of psychotropic agents in fungi. University of Rhode Island, Kingston, R.I. (1959-63)
- AUDETTE, R. C. S., WORTHEN, L. R., and YOUNGKEN, H. W., JR.: Enzymatic methylation of nicotinamide by *Claviceps purpurea*. *Journal of Pharmaceutical Sciences*, 53(9):1117-1118, 1964.
- UNDERHILL, E. W., and YOUNGKEN, H. W., JR.: Biosynthesis of hyoscyamine and scopolamine in *datura stramonium*. *Journal of Pharmaceutical Sciences*, 51:121-125, 1962.
- UNDERHILL, E. W., YOUNGKEN, H. W., JR., and TSAO, D. P. N.: Countercurrent separation of solanaceous alkaloids. *Lloydia*, 24:55-57, 1961.
- WORTHEN, L. R., PLATIAU, P. E., and YOUNGKEN, H. W., JR.: The metabolism of 5-hydroxytryptamine in cultures of *claviceps purpurea*. *Journal of Pharmacy and Pharmacology*, 15:626-627, 1963.
- WORTHEN, L. R., STESEL, G. J., and YOUNGKEN, H. W., JR.: The occurrence of indole compounds in coprinus species. *Economic Botany*, 16:315-318, 1962.
- MH-3321 (R01) SOSKIN, WILLIAM F.: Studies of verbal behavior. McLean Hospital, Belmont, Mass. (1959-61)
- SOSKIN, WILLIAM F., and JOHN, VERA P.: The study of spontaneous talk. In: Barker, Roger, ed. *The stream of behavior*. New York, Appleton-Century-Crofts, 1963, p. 228-281. (Also acknowledges MH-702).
- MH-3322 (R01) RARICK, G. LAWRENCE, and RAPAPORT, IONEL F.: Pubertal growth of bone and soft tissues in mongolism. University of Wisconsin, Madison, Wisc. (1959-62)
- RARICK, LAWRENCE, RAPAPORT, IONEL, and SEEFELDT, VERN: Bone development in Down's disease. *American Journal of Diseases of Children*, 107:7-13, 1964. (Also acknowledges MH-2561).
- MH-3325 (R01) SANDER, LOUIS W., PAVENSTEDT, ELEANOR, and STECHLER, GERALD: Mother-child interaction in first three years. Massachusetts Memorial Hospitals, Boston, Mass. (1959-63) (Continued from MH-898).
- FINEMAN, JOANN: Observations on the development of imaginative play in early childhood. *Journal of the American Academy of Child Psychiatry*, 1(1):167-181, 1962. (Also acknowledges MH-898).
- PAVENSTEDT, ELEANOR: Study of immature mothers and their children. In: Caplan, Gerald, ed. *Prevention of mental disorders in children*. New York, Basic Books, 1961, p. 192-217. (Also acknowledges MH-898).
- PAVENSTEDT, ELEANOR: Introduction to the Symposium on Research in Infancy and Early Childhood. Opening comments. *Journal of the American Academy of Child Psychiatry*, 1(1):5-10; 138-140, 1962.
- PAVENSTEDT, E.: A comparison of the child-rearing environment of upper-lower and very low-lower class families. *American Journal of Orthopsychiatry*, 35:89-98, 1965. (Also acknowledges MH-898).
- SANDER, LOUIS W.: Issues in early mother-child interaction. *Journal of the American Academy of Child Psychiatry*, 1(1):141-166, 1962. (Also acknowledges MH-898).
- SANDER, LOUIS W.: Adaptive relationships in early mother-child interaction. *Journal of the American Academy of Child Psychiatry*, 3:231-264, 1964. (Also acknowledges MH-898).
- STECHLER, G.: A longitudinal follow-up of neonatal apnea. *Child Development*, 35:333-348, 1964. (Also acknowledges MH-898).
- MH-3327 (R01) HAMILTON, CHARLES L.: Psychophysiological study of hypothalamic hyperphagia. University of Pennsylvania, Philadelphia, Pa. (1959-64)
- HAMILTON, C. L.: Comparison of two methods of dominance testing in the monkey. *Psychological Reports*, 7:247-250, 1960.
- HAMILTON, C. L.: Interactions of food intake and temperature regulation in the rat. *Journal of Comparative and Physiological Psychology*, 56:476-488, 1963.
- HAMILTON, C. L.: Hypothalamic temperature records of a monkey. *Proceedings of the Society for Experimental Biology and Medicine*, 112:55-57, 1963.
- HAMILTON, C. L.: Rat's preference for high fat diets. *Journal of Comparative and Physiological Psychology*, 58(3):459-460, 1964.
- HAMILTON, C. L.: Interactions of water, food and temperature regulation in the monkey. In: Wayner, M. J. *Proceedings of the 1st International Symposium on "Thirst in the regulation of body water."* New York, Pergamon Press, 1964, p. 45-56.

- HAMILTON, C. L., and BROBECK, JOHN R.: Hypothalamic hyperphagia and social interaction in the monkey. (Abstract) *American Journal of Psychology*, 15:483, 1960.
- HAMILTON, C. L., and BROBECK, JOHN R.: Temperature response of tube-fed rats. *American Journal of Physiology*, 203:383-384, 1962.
- HAMILTON, C. L., and BROBECK, JOHN R.: Hypothalamic hyperphagia and social interaction in the monkey. (Abstract) *Acta Neurovegetativa*, 24:545-546, 1963.
- HAMILTON, C. L., and BROBECK, JOHN R.: Diabetes mellitus in hyperphagic monkeys. *Endocrinology*, 73:512-515, 1963.
- HAMILTON, C. L., and BROBECK, JOHN R.: Food intake and temperature regulation in rats with rostral hypothalamic lesions. *American Journal of Physiology*, 207:291-297, 1964.
- HAMILTON, C. L., and BROBECK, JOHN R.: Hypothalamic hyperphagia in the monkey. *Journal of Comparative and Physiological Psychology*, 57:271-278, 1964.
- MH-3328 (R01) COLLIER, GEORGE: The determinants of amount of reinforcement. University of Missouri, Columbia, Mo. (1959-62) (Continued as MH-7024).
- COLLIER, GEORGE: Some properties of saccharin as a reinforcer. *Journal of Experimental Psychology*, 64:184-191, 1962. (Also acknowledges MH-7024).
- COLLIER, GEORGE: Consummatory and instrumental responding as functions of deprivation. *Journal of Experimental Psychology*, 64:410-414, 1962. (Also acknowledges MH-7024).
- COLLIER, GEORGE, and KNARR, FREDERICK: Defense of water balance in the rat. *Journal of Comparative and Physiological Psychology*, 61(1):5-10, 1966.
- COLLIER, GEORGE, KNARR, FREDERICK A., and MARX, MELVIN H.: Some relations between the intensive properties of the consummatory response and reinforcement. *Journal of Experimental Psychology*, 62:484-495, 1961. (Also acknowledges MH-817).
- COLLIER, GEORGE, and MYERS, LEONHARD: The loci of reinforcement. *Journal of Experimental Psychology*, 61:57-66, 1961. (Also acknowledges MH-817).
- COLLIER, GEORGE, and WILLIS, FRANK N.: Deprivation and reinforcement. *Journal of Experimental Psychology*, 62:377-384, 1961.
- KNARR, FREDERICK A., and COLLIER, GEORGE: Taste and consummatory activity in amount and gradient of reinforcement functions. *Journal of Experimental Psychology*, 63:579-588, 1962. (Also acknowledges MH-7024).
- WIST, E. R.: Amount, delay, and position of delay of reinforcement as parameters of runway performance. *Journal of Experimental Psychology*, 63:160-166, 1962. (Also acknowledges MH-817).
- MH-3330 (R01) MURDOCK, BENNET B., JR.: A study of the retention of individual items. University of Vermont, Burlington, Vt. (1959-64)
- MURDOCK, BENNET B., JR.: The retention of individual items. *Journal of Experimental Psychology*, 62:618-625, 1961.
- MURDOCK, BENNET B., JR.: Short-term retention of single paired-associates. *Psychological Reports*, 8:280, 1961.
- MURDOCK, BENNET B., JR.: The serial position effect of free recall. *Journal of Experimental Psychology*, 64:482-488, 1962.
- MURDOCK, BENNET B., JR.: Direction of recall in short-term memory. *Journal of Verbal Learning and Verbal Behavior*, 1(2):119-124, 1962.
- MURDOCK, BENNET B., JR.: Short-term retention of single paired associates. *Journal of Experimental Psychology*, 65(5):433-443, 1963.
- MURDOCK, BENNET B., JR.: Interpolated recall in short-term memory. *Journal of Experimental Psychology*, 66:525-532, 1963.
- MURDOCK, BENNET B., JR.: Short-term memory and paired-associate learning. *Journal of Verbal Learning and Verbal Behavior*, 2(4):320-328, 1963.
- MURDOCK, BENNET B., JR.: An analysis of the recognition process. In: Cofer, C. N., ed. *Verbal behavior and learning: Problems and processes*. New York, McGraw-Hill, 1963.
- MURDOCK, B. B., JR.: A test of the "limited capacity" hypothesis. *Journal of Experimental Psychology*, 69(3):237-240, 1965.
- MURDOCK, BENNET B., JR.: Signal-detection theory and short-term memory. *Journal of Experimental Psychology*, 70(5):443-447, 1965.
- MURDOCK, BENNET B., JR.: Associative symmetry and dichotic presentation. *Journal of Verbal Learning and Verbal Behavior*, 4(3):222-226, 1965.
- MURDOCK, BENNET B., JR., and BABICK, ARTHUR J.: The effect of repetition on the retention of individual words. *American Journal of Psychology*, 74:596-601, 1961.
- MH-3331 (R01) DYAL, JAMES A.: Studies of mediation processes. Southern Methodist University, Dallas, Texas. (1959-61)

- DYAL, J. A.: Latent extinction under irrelevant drive. *Psychological Reports*, 9:369-376, 1961.
- DYAL, J. A.: Spontaneous recovery from nonresponse extinction. *Psychological Reports*, 9:401-404, 1961.
- DYAL, J. A.: Latent extinction as a function of number and duration of pre-extinction exposures. *Journal of Experimental Psychology*, 63(1):98-104, 1962.
- DYAL, J. A.: Latent extinction as a function of number of training trials. *Psychological Records*, 13(4):407-414, 1963.
- DYAL, JAMES A.: Latent extinction as a function of placement-test interval and irrelevant drive. *Journal of Experimental Psychology*, 68(5):486-491, 1964.
- DYAL, JAMES A.: Latent extinction as a function of partial reinforcement of the running response. *Psychonomic Science*, 3(5):207-208, 1965.
- DYAL, J. A., and ABRIGHT, J.: Problem-solving assembly of separately acquired behavior segments: Negative results. *Psychological Reports*, 13:619-621, 1963.
- DYAL, J. A., and HOLLAND, T. A.: Resistance to extinction as a function of number of reinforcements. *American Journal of Psychology*, 76:332-333, 1963.
- DYAL, J. A., and JONES, C. A.: Experimental tests of Hull's reasoning paradigms. *Psychological Reports*, 13:583-590, 1963. (Also acknowledges MH-2596).
- WILSON, W. J., and DYAL, J. A.: Effects of non-response acquisition on latent extinction in a differential reinforcement setting. *Psychological Reports*, 13:879-884, 1963.
- MH-3332 (R01) KAPLAN, MICHAEL, and CAMPBELL, SAM L.: Experimental analyses of punishment. Creedmoor State Hospital, New York, N.Y. (1959-62)
- KAPLAN, MICHAEL, JACKSON, BRUCE, and SPARER, RICHARD: Escape behavior under continuous reinforcement as a function of aversive light intensity. *Journal of the Experimental Analysis of Behavior*, 8(5):321-323, 1965.
- KAPLAN, MICHAEL, and KAPLAN, EUGENIE F.: Estimating growth of inbred rats for behavioral and biological study. *Psychological Reports*, 17(2):419-423, 1965.
- KAPLAN, M., and MARTIN, J. M.: A coupled tape programmer and buffer box. *Journal of the Experimental Analysis of Behavior*, 4:322, 1961.
- MH-3337 (R01) BRUSH, F. ROBERT: Anxiety and the interference hypothesis. University of Pennsylvania, Philadelphia, Pa. (1959-65)
- BRUSH, F. R.: The effects of intertrial interval on avoidance learning in the rat. *Journal of Comparative and Physiological Psychology*, 55:888-892, 1962. (Also acknowledges MH-2191).
- BRUSH, F. R.: Avoidance learning as a function of time after fear conditioning and unsignalled shock. *Psychonomic Science*, 1:405-406, 1964.
- BRUSH, F. ROBERT: On the differences between animals that learn and do not learn to avoid electric shock. *Psychonomic Science*, 5(3):123-124, 1966.
- BRUSH, F. ROBERT, DAVENPORT, JOHN W., and POLIDORA, V. J.: TCAP: Negative results in avoidance and water maze learning and retention. *Psychonomic Science*, 4(5):183-184, 1966.
- BRUSH, F. ROBERT, MEYER, J. S., and PALMER, M. E.: Joint effects of intertrial and intersession interval upon avoidance learning. *Psychological Reports*, 14:31-37, 1964.
- MH-3342 (R01) BRODY, ARTHUR L., and WINSTOCK, SOLOMON: Experimental studies of multiple choice learning. Lehigh University, Bethlehem, Pa. (1959-62)
- BRODY, A. L.: A test of the identity operator model in a noncorrection T maze situation. (Abstract) *American Psychologist*, 18:466, 1963.
- BRODY, ARTHUR L.: Nonreinforcement in a non-correction T maze. *Journal of Comparative and Physiological Psychology*, 60(3):428-431, 1965.
- MH-3344 (R01) MISCHEL, WALTER: Delay of gratification in choice situations. Harvard University, Cambridge, Mass. (1960-62) (Continued as MH-6830).
- METZNER, RALPH: Effects of work-requirements in two types of delay of gratification situations. *Child Development*, 34:809-816, 1963. (Also acknowledges MH-6830).
- MISCHEL, WALTER, and METZNER, RALPH: Preference for delayed reward as a function of age, intelligence, and length of delay interval. *Journal of Abnormal and Social Psychology*, 64:425-431, 1962. (Also acknowledges MH-6830).
- MH-3345 (R01) PREMACK, DAVID: Quantitative theory of learning for the positive case. University of Missouri, Columbia, Mo. (1959-61)
- BROWNSTEIN, A. J.: Predicting instrumental performances from the independent rates of contingent responses in a choice situation. *Journal of Experimental Psychology*, 63:29-31, 1962. (Also acknowledges MH-817).
- PREMACK, D.: Predicting instrumental performance from the independent rate of the contingent response. *Journal of Experimental Psychology*, 61(2):163-171, 1961.

- PREMACK, D.: Rate differential reinforcement in monkey manipulation. *Journal of the Experimental Analysis of Behavior*, 6(1):81-89, 1963.
- PREMACK, DAVID: Reinforcement theory. In: Levine, David, ed. *Nebraska symposium on motivation*. Lincoln, Nebr., University of Nebraska Press, 1965, p. 123-188.
- PREMACK, D., and COLLIER, G.: Analysis of non-reinforcement variables affecting response probability. *Psychological Monographs*, 76(5):1-20, 1962. (Whole No. 524).
- PREMACK, D., and HILLIX, W. A.: Evidence for shift effects in the consummatory response. *Journal of Experimental Psychology*, 63(3):284-288, 1962.
- PREMACK, D., and PUTNEY, RICHARD T.: Relation between intersession interval frequency of competing responses and rate of learning. *Journal of Experimental Psychology*, 63(3):269-274, 1962.
- PREMACK, D., and SCHAEFFER, R. W.: Distributional properties of operant-level locomotion in the rat. *Journal of the Experimental Analysis of Behavior*, 5(1):89-95, 1962.
- SCHAEFFER, R. W., and PREMACK, D.: Licking rates in infant albino rats. *Science*, 134(3494):1980-1981, 1961.
- MH-3346 (R01) KAHN, ROBERT L.: Conflict and ambiguity in relation to mental health. University of Michigan, Ann Arbor, Mich. (1959-63)
- FRENCH, J. R. P., JR., KAHN, ROBERT L., and MANN, FLOYD C., eds. Work, health, and satisfaction. *Journal of Social Issues*, 18(3), 1962. (Also acknowledges MH-3874 and MH-9132).
- KAHN, ROBERT L.: Role conflict and ambiguity in large organizations. In: Proceedings of CIOS 13th International Management Congress, New York, 1963, p. 729-734.
- KAHN, ROBERT L.: Field studies of power in organizations. In: Kahn, Robert L., and Boulding, Elise, eds. *Power and conflict*. New York, Basic Books, 1964, p. 52-66.
- KAHN, ROBERT L., and WOLFE, DONALD M.: Role conflict in organizations. In: Kahn, Robert L., and Boulding, Elise, eds. *Power and conflict*. New York, Basic Books, 1964, p. 115-126.
- KAHN, R. L., WOLFE, D. M., QUINN, R. P., SNOCK, J. D., and ROSENTHAL, R. A.: Organizational stress: Studies in role conflict and ambiguity. New York, Wiley & Sons, 1964, 470 p. (Also acknowledges MH-3874 and MH-9132).
- SNOCK, J. DIEDRICK: Role strain in diversified role sets. *American Journal of Sociology*, 71(4):363-372, 1966.
- MH-3347 (R01) TEUBER, HANS-LUKAS: A program of research in neuropsychology. New York University Medical Center, New York, N.Y. (1959-61) (Continued as MH-5673).
- ALTMAN, J.: Diurnal activity rhythm of rats with lesions of superior colliculus and visual cortex. *American Journal of Physiology*, 202(6):1205-1207, 1962. (Also acknowledges MH-5673).
- ALTMAN, J.: Effects of lesions in central nervous visual structures on light aversion of rats. *American Journal of Physiology*, 202:1208-1210, 1962. (Also acknowledges MH-5673).
- ALTMAN, J.: Autoradiographic study of degenerative and regenerative proliferation of neuroglia cells with tritiated thymidine. *Experimental Neurology*, 5(4):302-318, 1962. (Also acknowledges MH-5673).
- ALTMAN, J.: Some fiber projections to the superior colliculus in the cat. *Journal of Comparative Neurology*, 119:77-95, 1962. (Also acknowledges MH-5673).
- ALTMAN, J.: Are new neurons formed in the brains of adult mammals? *Science*, 135(3509):1127-1128, 1962. (Also acknowledges MH-5673).
- ALTMAN, J., and ALTMAN, ELIZABETH: Increased utilization of an amino acid and cellular proliferation demonstrated autoradiographically in the optic pathways of pigeons. *Experimental Neurology*, 6:142-151, 1962. (Also acknowledges MH-5673).
- ALTMAN, J., and MALIS, L. I.: An electrophysiological study of the superior colliculus and visual cortex. *Experimental Neurology*, 5:233-249, 1962. (Also acknowledges MH-5673).
- CHOROVER, S. L.: Effects of mescaline sulfate on extinction of conditional avoidance response (CAR). *Journal of Comparative and Physiological Psychology*, 54:649-652, 1961. (Also acknowledges MH-5673).
- CHOROVER, S. L., and GROSS, C. G.: Caudate nucleus lesions: Behavioral effects in the rat. *Science*, 141:826-827, 1963. (Also acknowledges MH-5673).
- COHRN, L.: Rate of apparent change of a Necker cube as a function of prior stimulation. *American Journal of Psychology*, 72(3):327-344, 1959.
- GHENT, LILA, MISHKIN, M., and TEUBER, H. L.: Short-term memory after frontal-lobe injury in man. *Journal of Comparative and Physiological Psychology*, 55:705-709, 1962. (Also acknowledges MH-5673).

- GROSS, C. G.: Effects of different stimulus conditions on locomotor activity of frontal monkeys. (Abstract) *American Psychologist*, 17:385, 1962. (Also acknowledges MH-5673).
- GROSS, C. G.: A comparison of the effects of partial and total lateral frontal lesions on test performance by monkeys. *Journal of Comparative and Physiological Psychology*, 56(1):41-47, 1963. (Also acknowledges MH-5673).
- GROSS, C. G.: Effect of deprivation on delayed response and delayed alternation performance by normal and brain operated monkeys. *Journal of Comparative and Physiological Psychology*, 56(1):48-51, 1963. (Also acknowledges MH-5673).
- GROSS, C. G.: Discrimination reversal after lateral frontal lesions in monkeys. *Journal of Comparative and Physiological Psychology*, 56(1):52-55, 1963. (Also acknowledges MH-5673).
- GROSS, C. G.: Locomotor activity following lateral frontal lesions in rhesus monkeys. *Journal of Comparative and Physiological Psychology*, 56:232-236, 1963. (Also acknowledges MH-5673).
- GROSS, C. G., and WEISKRANTZ, L.: Evidence for dissociation of impairment on auditory discrimination and delayed response following lateral frontal lesions in monkeys. *Experimental Neurology*, 5(6):453-476, 1962. (Also acknowledges MH-5673).
- GROSS, C. G., and WEISKRANTZ, L.: Some changes in behavior produced by lateral frontal lesions in the Macaque. In: Warren, J. M., and Akert, K., eds. *The frontal granular cortex and behavior*. New York, McGraw-Hill, 1964, p. 74-101. (Also acknowledges MH-5673).
- MACKINTOSH, J., and SUTHERLAND, N. S.: Visual discrimination by the goldfish: The orientation of rectangles. *Animal Behavior*, 11(1):135-141, 1963. (Also acknowledges MH-5673).
- MEYER, V., GROSS, C. G., and TEUBER, H.-L.: Effect of knowledge of site of stimulation on the threshold for pressure sensitivity. *Perceptual and Motor Skills*, 16:637-640, 1963. (Also acknowledges MH-5673).
- PROCTOR, FLORRY, RIKLAN, M., COOPER, I. S., and TEUBER, H. L.: Somatosensory status of parkinsonian patients before and after chemothalamectomy. *Neurology*, 13:906-912, 1963. (Also acknowledges MH-5673).
- RUDEL, RITA G.: The transposition of intermediate size by brain-damaged and mongoloid children. *Journal of Comparative and Physiological Psychology*, 53:89-94, 1960.
- RUDEL, RITA G., and TEUBER, H.-L.: Discrimination of direction of line in children. *Journal of Comparative and Physiological Psychology*, 56(5):892-898, 1963. (Also acknowledges MH-5673).
- RUDEL, RITA G., TEUBER, H.-L., LIEBERT, R. S., and HALPERN, S.: Localization of auditory midline and reactions to body tilt in brain-damaged children. *Journal of Nervous and Mental Disease*, 131(4):302-309, 1960.
- SEMMES, JOSEPHINE, TEUBER, H.-L., WEINSTEIN, S., and GHENT, LILA: Somatosensory changes after penetrating brain wounds in man. Cambridge, Harvard University, 1960, 91 p.
- SEMMES, JOSEPHINE, WEINSTEIN, S., GHENT, LILA, and TEUBER, H.-L.: Correlates of impaired orientation in personal and extrapersonal space. *Brain*, 86:747-772, 1963. (Also acknowledges MH-5673).
- SUTHERLAND, N. S.: Visual discrimination of shape by "octopus": Squares and crosses. *Journal of Comparative and Physiological Psychology*, 55:939-943, 1962. (Also acknowledges MH-5673).
- SUTHERLAND, N. S., MACKINTOSH, J., and MACKINTOSH, N. J.: The visual discrimination of duplicated patterns by octopus. *Animal Behavior*, 11(1):106-110, 1963. (Also acknowledges MH-5673).
- SUTHERLAND, N. S., MACKINTOSH, N. J., and MACKINTOSH, J.: Simultaneous discrimination training of "octopus" and transfer of discrimination along a continuum. *Journal of Comparative and Physiological Psychology*, 56(1):150-156, 1963. (Also acknowledges MH-5673).
- TEUBER, H.-L.: The premorbid personality and reaction to brain damage. *American Journal of Orthopsychiatry*, 30:322-329, 1960.
- TEUBER, H.-L.: Perception. In: Field, J., Magoun, H. W., and Hall, V. E., eds. *Handbook of physiology*. Section 1. Neurophysiology. Vol. 3. Washington, D.C., American Physiological Society, 1960, p. 1595-1668.
- TEUBER, H.-L.: Space perception and its disturbances after brain injury in man. Proceedings of the Sixteenth International Congress of Psychology, Bonn, 1960. *Acta Psychologica*, 19:837-838, 1961. (Also acknowledges MH-5673).
- TEUBER, H.-L.: Brain and behavior. Summation. In: Brazier, M. A. B., ed. *International Conference on Brain and Behavior*. Washington, D.C., American Institute of Biological Sciences, 1961, p. 393-420. (Also acknowledges MH-5673).
- TEUBER, H.-L.: Sensory deprivation, sensory suppression and agnosia: Notes for a neurologic theory. *Journal of Nervous and Mental Diseases*, 132(1):32-40, 1961. (Also acknowledges MH-5673).



- TEUBER, H.-L.: Some observations on the superior colliculi of the cat. (Report on the work of J. Altman) In: Jung, R., and Kornhuber, H. eds. *Neurophysiologie und Psychophysik des visuellen Systems*. Heidelberg, Springer, 1961, p. 217-221. (Also acknowledges MH-5673).
- TEUBER, H.-L.: Neuere Beobachtungen über Sehschtrahlung und Schrinde. In: Jung, R., and Kornhuber, H., eds. *Neurophysiologie und Psychophysik des visuellen Systems*. Heidelberg, Springer, 1961, p. 256-274. (Also acknowledges MH-5673).
- TEUBER, H.-L.: Effects of brain wounds implicating right or left hemisphere in man. Hemisphere differences and hemisphere interaction in vision, audition, and somesthesia. In: Mountcastle, V. B., ed. *Interhemispheric relations and cerebral dominance*. Baltimore, Johns Hopkins, 1962, p. 131-157. (Also acknowledges MH-5673).
- TEUBER, H.-L.: Perspectives in the problems of biological memory—A psychologist's view. In: Schmitt, F. O., ed. *Macromolecular specificity and biological memory*. Cambridge, Massachusetts Institute of Technology, 1962, p. 99-107. (Also acknowledges MH-5673).
- TEUBER, H.-L.: Memory. *New York Medicine*, 18: 248-250, 1962. (Also acknowledges MH-5673).
- TEUBER, H.-L.: Personality and reaction to brain damage. In: Dulany, D. E., DeValois, R. L., Beardslee, D. C., and Winterbottom, Marian R., eds. *Contributions to modern psychology*. 2nd ed. New York, Oxford University, 1963, p. 406-414. (Also acknowledges MH-5673).
- TEUBER, H.-L.: Space perception and its disturbances after brain injury in man. *Neuropsychologia*, 1: 47-57, 1963. (Also acknowledges MH-5673).
- TEUBER, H.-L.: The riddle of frontal lobe function in man. In: Warren, J. M., and Akert, K., eds. *The frontal granular cortex and behavior*. New York, McGraw-Hill, 1964, p. 410-444. (Also acknowledges MH-5673).
- TEUBER, H.-L., BATTERSBY, W. S., and BENDER, M. B.: Visual field defects after penetrating missile wounds of the brain. Cambridge, Mass., Harvard University, 1960, 143 p.
- TEUBER, H.-L., and RUDEL, RITA G.: Effects of brain injury in children and adults. *Clinical Psychology* (Copenhagen), 4:113-139, 1962. (Proceedings of the 14th Congress of Applied Psychology). (Also acknowledges MH-5673).
- TEUBER, H.-L., and RUDEL, RITA G.: Behavior after cerebral lesions in children and adults. *Developmental Medicine and Child Neurology*, 4:3-20, 1962. (Also acknowledges MH-5673).
- VAUGHAN, HERBERT G., JR., and COSTA, LOUIS D.: Application of evoked potential techniques to behavioral investigation. *Annals of the New York Academy of Sciences*, 118:71-75, 1964. (Also acknowledges MH-5673).
- WEISKRANTZ, L.: Contour discrimination in a young monkey with striate cortex ablation. *Neuropsychologia*, 1(2):145-164, 1963. (Also acknowledges MH-5673).
- MH-3348 (R01) FROST, HENRY H., SIBLEY, WILLIS E., and SMITH, TED C.: Transiency and new community integration. University of Utah, Salt Lake City, Utah. (1959-63)
- WILLIAMS, MORGAN J., FROST, HENRY H., and SIBLEY, WILLIS E.: Page, Arizona—A rootless community? *Proceedings of the Utah Academy of Sciences, Arts and Letters*, 37:97-101, 1959-1960.
- MH-3353 (R01) MAHLER, MARGARET S., and FURER, MANUEL: Investigation of symbiotic child psychosis. Masters Childrens Center, New York, N.Y. (1959-64)
- MAHLER, MARGARET SCHOENBERGER: Perceptual differentiation and psychotic "object relationship." *International Journal of Psychiatry*, 41:548-553, 1960.
- MAHLER, M. S.: On sadness and grief in infancy and childhood. Loss and restoration of the symbiotic love object. *Psychoanalytic Study of the Child*, 16:332-351, 1961.
- MAHLER, MARGARET S.: Autismo e simbiosi, due gravi alterazioni dell'identita personale. *Psiche* (Roma), 1(1):37-53, 1964.
- MAHLER, MARGARET SCHOENBERGER, and FURER, MANUEL: Observations on research regarding the "symbiotic syndrome" of infantile psychosis. *Psychoanalytic Quarterly*, 29:317-327, 1960.
- PINE, FRED, and FURER, MANUEL: Studies of the separation-individuation phase: A methodological overview. *Psychoanalytic Study of the Child*, 18: 325-342, 1963.
- MH-3355 (R01) HOWE, EDMUND S., and FINE-SINGER, JACOB E.: Anxiety and verbal behavior. University of Maryland, Baltimore, Md. (1959-63)
- HOWE, E. S.: Further comparison of two short-form derivatives of the Taylor Manifest Anxiety Scale. *Psychological Reports*, 6:21-22, 1960.
- HOWE, E. S.: Anxiety-arousal and specificity: Rated correlates of the depth of interpretive statements. *Journal of Consulting Psychology*, 26:178-184, 1962.
- HOWE, E. S.: A study of the semantic structure of ratings of interpretive responses. *Journal of Consulting Psychology*, 26(2):285, 1962.

- HOWE, E. S.: Postponement behavior as a function of approach and avoidance motivation. *Psychological Reports*, 10:275-283, 1962.
- HOWE, E. S.: Probabilistic adverbial qualifications of adjectives. *Journal of Verbal Learning and Verbal Behavior*, 1(4):225-242, 1963.
- HOWE, E. S.: Three-dimensional structure of ratings of exploratory responses shown by a semantic differential. *Psychological Reports*, 14:187-196, 1964.
- HOWE, E. S.: A third comparison of two short-form derivatives of the Taylor Manifest Anxiety Scale, using psychiatric patients. *Psychological Reports*, 14:497-498, 1964.
- HOWE, E. S.: Further data concerning the dimensionality of ratings of the therapist's verbal exploratory behavior. *Journal of Consulting Psychology*, 29(1):73-76, 1965.
- HOWE, EDMUND S.: Uncertainty and other associative correlates of Osgood's D<sub>4</sub>. *Journal of Verbal Learning and Verbal Behavior*, 4(6):498-509, 1965.
- HOWE, E. S., and POPE, B.: The dimensionality of ratings of therapist verbal responses. *Journal of Consulting Psychology*, 25:296-303, 1961.
- HOWE, E. S., and POPE, B.: An empirical scale of therapist verbal activity level in the initial interview. *Journal of Consulting Psychology*, 25:510-520, 1961.
- HOWE, E. S., and POPE, B.: Therapist verbal activity level and diagnostic utility of patient verbal responses. *Journal of Consulting Psychology*, 26:149-155, 1962.
- MH-3358 (R01) BECK, AARON T.: Psychological correlates of depression. University of Pennsylvania, Philadelphia, Pa. (1959-64)
- BECK, A. T.: A systematic investigation of depression. *Comprehensive Psychiatry*, 2:163-170, 1961.
- BECK, A. T.: Reliability of psychiatric diagnoses: 1. A critique of systematic studies. *American Journal of Psychiatry*, 119:210-216, 1962.
- BECK, A. T.: Thinking and depression: I. Idiosyncratic content and cognitive distortion. *Archives of General Psychiatry*, 9:324-333, 1963.
- BECK, A. T., FESHBACH, S., and LEGG, D.: The clinical utility of the digit symbol test. *Journal of Consulting Psychology*, 26:263-268, 1962.
- BECK, A. T., SETHI, B., and TUTHILL, R.: Childhood bereavement and adult depression. *Archives of General Psychiatry*, 9:295-302, 1963.
- BECK, A. T., and WARD, C. H.: Dreams of depressed patients: Characteristic themes in manifest content. *Archives of General Psychiatry*, 5:462-467, 1961.
- BECK, A. T., WARD, C. H., MENDELSON, M., MOCK, J., and ERBAUGH, J.: An inventory for measuring depression. *Archives of General Psychiatry*, 4:561-571, 1961.
- BECK, A. T., WARD, C. H., MENDELSON, M., MOCK, J. E., and ERBAUGH, J. K.: Reliability of psychiatric diagnosis: 2. A study of consistency of clinical judgments and ratings. *American Journal of Psychiatry*, 119:351-357, 1962.
- LOEB, ARMIN, BECK, AARON T., FESHBACH, SEYMOUR, and WOLF, ABRAHAM: Some effects of reward upon the social perception and motivation of psychiatric patients varying in depression. *Journal of Abnormal and Social Psychology*, 68:609-616, 1964. (Also acknowledges MH-3213).
- WARD, C. H., BECK, A. T., MENDELSON, M., MOCK, J. E., and ERBAUGH, J. K.: The psychiatric nomenclature: Reasons for diagnostic disagreement. *Archives of General Psychiatry*, 7:198-205, 1962.
- WARD, C. H., BECK, A. T., and RASCOE, E.: Typical dreams: Incidence among psychiatric patients. *Archives of General Psychiatry*, 5:606-613, 1961.
- MH-3359 (R01) TEGHTSOONIAN, ROBERT: Relation of retention to age of learning. University of Pennsylvania, Philadelphia, Pa. (1959-61)
- BRUSH, F. R., GOODRICH, K. P., TEGHTSOONIAN, R., and EISMAN, E. H.: Running speed as a function of deprivation condition and concentration of sucrose incentive. *Psychological Reports*, 9:627-634, 1961.
- BRUSH, F. R., GOODRICH, K. P., TEGHTSOONIAN, R., and EISMAN, E. H.: Dependence of learning (habit) in the runway on deprivation under three levels of sucrose incentive. *Psychological Reports*, 12:375-384, 1963. (Also acknowledges MH-4426).
- MH-3360 (R01) BURCH, NEIL R., and BLOOM, SAMUEL W.: Psychophysiological factors of behavioral interaction. Baylor University, Houston, Texas. (1960-62)
- BURCH, N. R., and CHILDERS, H. E.: Information processing in the time domain. In: Fields, William S., and Abbott, Walter, eds. *Information storage and neural control*. Springfield, Ill., C. C. Thomas, 1963, p. 1-21.
- EDELBERG, R., GREINER, T., and BURCH, N. R.: Some membrane properties of the effector in the galvanic skin response. *Journal of Applied Physiology*, 15(4):691-696, 1960. (Also acknowledges MH-1904).
- KAPLAN, H. B.: Social interaction and GSR activity during group psychotherapy. *Psychosomatic Medicine*, 25(2):140-145, 1963.

- KAPLAN, H. B., and BLOOM, S. W.: The use of sociological and social-psychological concepts in physiological research: A review of selected experimental studies. *Journal of Nervous and Mental Disease*, 130(8):128-134, 1960.
- KAPLAN, HOWARD B., BURCH, NEIL R., BEDNER, TOM D., and TRENDL, JOHN D.: Physiologic (GSR) activity and perceptions of social behavior in positive, negative and neutral pairs. *Journal of Nervous and Mental Disease*, 140(6):457-463, 1965.
- KAPLAN, H. B., BURCH, N. R., BLOOM, S. W., and EDELBERG, R.: Affective orientation and physiological activity (GSR) in small peer groups. *Psychosomatic Medicine*, 25(3):245-252, 1963.
- MH-3361 (R01) GINSBURG, BENSON E., and HUNT, HOWARD F.: Basic mechanisms of drug action on animal behavior. University of Chicago, Chicago, Ill. (1959- ) (Continued as MH-7279).
- GINSBURG, B. E.: Causal mechanisms in audiogenic seizures. *Psychophysiologie Neuropharmacologie et Biochimie de la Crise Audiogène, Colloques Internationaux du Centre National de la Recherche Scientifique*, 112:227-240, 1963. (Also acknowledges MH-1918 and MH-7279).
- GINSBURG, B. E.: Genetics and personality. In: Wepman, J., and Heine, R., eds. *Concepts of personality*. Chicago, Aldine Press, 1963, p. 63-78. (Also acknowledges MH-1918 and MH-7279).
- HALASZ, M. F.: Some effects of varying the duration of an exteroceptive warning stimulus on intercurrent avoidance and appetitive responses. *Journal of the Experimental Analysis of Behavior*, 4:287, 1961. (Also acknowledges MH-1918).
- HARVEY, J. A., HELLER, A., and MOORE, R. Y.: The effect of unilateral and bilateral medial fore-brain bundle lesions on brain serotonin. *Journal of Pharmacology and Experimental Therapeutics*, 140:103-110, 1963. (Also acknowledges MH-1918 and MH-7279).
- HARVEY, JOHN A., HELLER, ALFRED, MOORE, ROBERT Y., HUNT, HOWARD F., and ROTH, LLOYD J.: Effect of central nervous system lesions on barbiturate sleeping time in the rat. *Journal of Pharmacology and Experimental Therapeutics*, 144(1):24-36, 1964.
- HARVEY, J. A., LINTS, C. E., JACOBSON, L. F., and HUNT, H. F.: Effects of lesions in the septal area on conditioned fear and discrimination instrumental punishment in the albino rat. *Journal of Comparative and Physiological Psychology*, 59:37-48, 1965. (Also acknowledges MH-1918).
- HELLER, A., HARVEY, J. A., HUNT, H. F., and ROTH, L. J.: Effect of lesions in the septal fore-brain of the rat on sleeping time under barbiturate anesthesia. *Science*, 131:662-663, 1960. (Also acknowledges MH-1918).
- HELLER, A., HARVEY, J. A., and MOORE, R. Y.: A demonstration of a fall in brain serotonin following central nervous system lesions in the rat. *Biochemical Pharmacology*, 11:859-866, 1962. (Also acknowledges MH-1918 and MH-7279).
- HUNT, H. F.: Non-empiric approaches from the basic sciences: Psychology. In: Featherstone, R. M., and Simon, A., eds. *A pharmacological approach to the study of the mind*. Springfield, Ill., Thomas, 1959, p. 82-94. (Also acknowledges MH-1918).
- HUNT, H. F.: Some applications of conditioned "fear." In: Uhr, L., and Miller, J. G., eds. *Drugs and behavior*. New York, Wiley, 1960, p. 227-231. (Also acknowledges MH-1918).
- HUNT, H. F.: Physiology and drug action: Behavioral implications. *Federation Proceedings*, 19:629-634, 1960. (Also acknowledges MH-1918).
- HUNT, H. F.: Methods for studying the behavioral effects of drugs. In: Cutting, W., Driesbach, H., and Elliott, H. W., eds. *Annual reviews of pharmacology*. Vol. 1. Palo Alto, Calif., Annual Reviews, 1961, p. 125-154. (Also acknowledges MH-1918).
- HUNT, HOWARD F.: Electro-convulsive shock and learning. *Transactions of the New York Academy of Sciences*, Ser. II, 27(8):923-945, 1965. (Also acknowledges MH-1918).
- MOORE, R. Y.: Effects of some rhinencephalic lesions on retention of conditioned avoidance behavior in cats. *Journal of Comparative and Physiological Psychology*, 57:65-71, 1964. (Also acknowledges MH-1918 and MH-7279).
- MH-3363 (R01) GIARMAN, NICHOLAS J., and FREEDMAN, DANIEL X.: Psychogenic procedures and brain neurohumors. Yale University, New Haven, Conn. (1959- )
- AGHAJANIAN, G. K.: The effect of chlorpromazine on respiration of brain mitochondria as a function of metabolic state. *Biochemical Pharmacology*, 12:7-12, 1963.
- AGHAJANIAN, G. K.: The effect of serotonin and norepinephrine on the structural changes induced in brain microsomes. *Federation Proceedings*, 22(2):450, 1963.
- AGHAJANIAN, G. K.: "Microsome" fraction of brain: Structural changes induced by ascorbic acid. *Science*, 141:628, 1963.
- APPEL, J. B.: Aversive aspects of schedule of positive reinforcement. *Journal of the Experimental Analysis of Behavior*, 6:423-428, 1963.

- APPEL, J. B.: Drugs, shock intensity, and the CER. *Psychopharmacologia*, 4:148-153, 1963.
- APPEL, J. B.: Punishment and shock intensity. *Science*, 141:528-529, 1963.
- APPEL, J. B.: The analysis of aversively motivated behavior. *Archives of General Psychiatry*, 10: 71-83, 1964.
- APPEL, J. B.: The rat: An important subject. *Journal of the Experimental Analysis of Behavior*, 7 (5):355-356, 1964.
- APPEL, J. B., and FREEDMAN, D. X.: Chemically-induced alterations in the behavioral effects of LSD-25. *Biochemical Pharmacology*, 13:861-869, 1964.
- APPEL, J. B., and FREEDMAN, D. X.: The relative potencies of psychotomimetic drugs. *Life Sciences*, 4(22):2181-2186, 1965.
- APPEL, JAMES B., and PETERSON, NEIL J.: Punishment and "recovery?" *Journal of the Experimental Analysis of Behavior*, 7:166, 1964.
- APPEL, JAMES B., and PETERSON, NEIL J.: Punishment: Effects of shock intensity on response suppression. *Psychological Reports*, 16(3)Part 1:721-730, 1965.
- BARCHAS, J. D., and FREEDMAN, D. X.: Brain amines: Response to physiological stress. *Biochemical Pharmacology*, 12:1232-1235, 1963.
- FREEDMAN, D. X.: LSD-25 and brain serotonin in reserpinized rat. (Abstract) *Federation Proceedings*, 19:266, 1960.
- FREEDMAN, D. X.: Effects of LSD-25 on brain serotonin. *Journal of Pharmacology and Experimental Therapeutics*, 134:160-166, 1961.
- FREEDMAN, D. X.: Psychotomimetic drugs and brain biogenic amines. *American Journal of Psychiatry*, 119:843-850, 1963. (Also acknowledges MH-1204).
- FREEDMAN, D. X., and AGHAJANIAN, G. K., and COQUET, C. A.: Effect of reserpine on plasma binding and brain uptake of LSD-25. (Abstract) *Federation Proceedings*, 23:147, 1964.
- FREEDMAN, D. X., APPEL, J. B., HARTMAN, F. R., and MOLLIVER, M.: Tolerance to behavioral effects of LSD-25 in rat. *Journal of Pharmacology and Experimental Therapeutics*, 143:309-313, 1964.
- FREEDMAN, D. X., BARCHAS, J. D., and SCHOENBRUN, R. L.: Response of brain amines to exhaustion stress or LSD-25. (Abstract) *Federation Proceedings*, 21:337, 1962.
- FREEDMAN, D. X., and BENTON, A. J.: Persisting effects of reserpine in man. *New England Journal of Medicine*, 264:529-533, 1961. (Also acknowledges MH-1204).
- FREEDMAN, D. X., and COQUET, C. A.: Regional and subcellular distribution of LSD and effects on 5-HT levels. (Abstract) *Pharmacologist*, 79(2): 183, 1965.
- FREEDMAN, D. X., FRAM, D. H., and GIARMAN, N. J.: The effect of morphine on the regeneration of brain norepinephrine after reserpine. (Abstract) *Federation Proceedings*, 20:321, 1961.
- FREEDMAN, D. X., and GIARMAN, N. J.: LSD-25 and the status and level of brain serotonin. *Annals of the New York Academy of Sciences*, 96: 98-106, 1962. (Also acknowledges MH-1204).
- FREEDMAN, D. X., and GIARMAN, N. J.: Brain amines, electrical activity, and behavior. In: Glaser, G. H., ed. *EEG and behavior*. New York, Basic Books, 1963, p. 198-243.
- GIARMAN, NICHOLAS J.: New developments in psychopharmacology. *American Journal of Pharmaceutical Education*, 28(5):700-707, 1964.
- GIARMAN, NICHOLAS J., and FREEDMAN, DANIEL X.: Biochemical aspects of the actions of psychotomimetic drugs. *Pharmacological Reviews*, 17 (1):1-25, 1965.
- GILLIS, C. N., GIARMAN, N. J., and FREEDMAN, D. X.: Retention of 5-hydroxytryptamine by subcellular fractions of rat brain homogenates. *Biochemical Pharmacology*, 13:1457-1474, 1964.
- MIRKIN, B. L., GIARMAN, N. J., and FREEDMAN, D. X.: Uptake of noradrenaline by subcellular particles in homogenates of rat brain. *Biochemical Pharmacology*, 12:214-216, 1963.
- MIRKIN, B. L., GIARMAN, N. J., and FREEDMAN, D. X.: Factors influencing the uptake of noradrenaline by subcellular particles in homogenates of rat brain. *Biochemical Pharmacology*, 13: 1027-1035, 1964.
- MIRKIN, B. L., and GILLIS, C. N.: Subcellular distribution of tritium following the incubation of rat brain homogenates of H<sup>3</sup> norepinephrine. *Biochemical Pharmacology*, 12:1173-1179, 1963.
- SCHLESINGER, KURT, BOGGAN, WILLIAM, and FREEDMAN, DANIEL X.: Genetics of audiogenic seizures: I. Relation to brain serotonin and norepinephrine in mice. *Life Sciences*, 4(24):2345-2351, 1965.
- MH-3364 (R01) CARLSON, NILS J., and BIDDER, THOMAS G.: Neuropharmacological studies of motivational states. Western Reserve University, Cleveland, Ohio. (1959-61)
- CARLSON, NILS JAMES, DOYLE, GERALD A., and BIDDER, GEORGE T.: The effects of d1-amphetamine and reserpine on runway performance. *Psychopharmacologia*, 8(3):157-173, 1965.

- H-3366 (R01) HOWARD, STUART A.: Bercave-ment behavior in a cooperative society. Stanford University, Stanford, Calif. (1959-61)
- HOWARD, ALAN: Rotuma as a hinterland community. *Journal of the Polynesian Society*, 70:272-299, 1961.
- HOWARD, ALAN: Land, activity systems, and decision-making models in Rotuma. *Ethnology*, 2:407-440, 1963.
- HOWARD, ALAN: Conservatism and non-traditional leadership in Rotuma. *Journal of the Polynesian Society*, 72:65-77, 1963.
- HOWARD, ALAN, and HOWARD, IRWIN: Pre-marital sex and social control among the Rotumans. *American Anthropologist*, 66:266-283, 1964.
- H-3368 (R01) MORSE, ROGER A.: A study of bioactive secretions. Cornell University, Ithaca, N.Y. (1959-62)
- BENTON, A. W., MORSE, R. A., and KOSIKOWSKI, F. V.: Bioassay and standardization of venom in the honey bee. *Nature*, 198(4877):295-296, 1963.
- GARY, N. E.: Mandibular gland extirpation in living queen and worker honey bees. *Annals of the Entomological Society of America*, 54:529-531, 1961.
- GARY, N. E.: Antagonistic reactions of worker honey bees to the mandibular gland contents of the queen (*Apis mellifera*). *Bee World*, 42(1):14-17, 1961.
- GARY, N. E.: Mass production of honey bee larvae. *Gleanings in Bee Culture*, 88:550-552 and 659, 1961.
- GARY, N. E.: Queen honey bee attractiveness as related to mandibular gland secretions. *Science*, 133(3463):1479-1480, 1961.
- GARY, NORMAN E.: Chemical mating attractants in the queen honey bee. *Science*, 136:773-774, 1961.
- GARY, N. E.: Observations of mating behaviour in the honey bee. *Journal of Apicultural Research*, 2(1):3-13, 1963.
- GARY, N. E., FICKEN, R. W., and STEIN, R. C.: Honey bee larvae (*Apis mellifera* L.) for bird food. *Avicultural Magazine*, 67:27-32, 1961.
- GARY, N. E., and MORSE, R. A.: A technique for the removal of mandibular glands from living queen honeybees. *Bee World*, 41:229-230, 1960.
- GARY, N. E., and MORSE, R. A.: Queen cell construction in honey bee (*Apis mellifera* L.) colonies in response to living queens without mandibular glands. *Proceedings of the Royal Entomological Society of London*, 37:76-78, 1962.
- GARY, N. E., and MORSE, R. A.: The events following queen cell construction in honeybee colonies. *Journal of Apicultural Research*, 1:3-5, 1963.
- GHENT, R. L., and GARY, N. E.: A chemical alarm releaser in honey bee stings (*Apis mellifera* L.): *Psyche*, 69(1):1-6, 1962.
- MORSE, R. A., and BENTON, A. W.: Mass collection of bee venom. *Gleanings in Bee Culture*, 92:42-45 and 54, 1964.
- MORSE, R. A., and GARY, N. E.: Insect invaders of the honey bee colony. *Bee World*, 42:179-181, 1961.
- MORSE, R. A., and GARY, N. E.: Colony response to worker bees confined with queens. *Bee World*, 42(8):197-199, 1961.
- MORSE, R. A., and GARY, N. E.: Further studies of the responses of honey bee (*Apis mellifera* L.) colonies to queens with extirpated mandibular glands. *Annals of Entomological Society of America*, 56(3):372-374, 1963.
- MORSE, R. A., GARY, N. E., and JOHANSSON, T. S. K.: Mating of virgin queen honey bees (*Apis mellifera* L.) following mandibular gland extirpation. *Nature*, 194(4828):605, 1962.
- MORSE, R. A., MACDONALD, JON E., and ZMARLICKI, CYPRIAN: The effect of queen mutilation on queen cell construction in the honey bee (*Apis mellifera* L.) colony. *Florida Entomologist*, 46(3):219-221, 1963.
- ZMARLICKI, C., and MORSE, R. A.: Queen mating. *American Bee Journal*, 103(11):414-415, 1963.
- ZMARLICKI, C., and MORSE, R. A.: The mating of aged virgin queen honeybees. *Journal of Apicultural Research*, 2(1):62-63, 1963.
- ZMARLICKI, C., and MORSE, R. A.: Drone congregation areas. *Journal of Apicultural Research*, 2(1):64-66, 1963.
- ZMARLICKI, C., and MORSE, R. A.: The effect of mandibular gland extirpation on the longevity of queen honey bees (*Apis mellifera* L.). *Annals of the Entomological Society of America*, 57(1):73-74, 1964.
- MH-3369 (R01) ORNE, MARTIN T.: Studies in hypnosis. Harvard University, Cambridge, Mass. (1959-64)
- DAMASER, ESTHER C., SHOR, R. E., and ORNE, M. T.: Physiological effects during hypnotically requested emotions. *Psychosomatic Medicine*, 25:334-343, 1963.
- O'CONNELL, D. N., and ORNE, M. T.: Bioelectric correlates of hypnosis: An experimental reevaluation. *Journal of Psychiatric Research*, 1:201-213, 1962.

- ORNE, M. T.: Implications for psychotherapy derived from current research on the nature of hypnosis. *American Journal of Psychiatry*, 118:1097-1103, 1962. Also in: Masserman, J., ed. *Current psychiatric therapies*. Vol. 2. New York, Grune & Stratton, 1962, p. 75-85.
- ORNE, M. T.: On the social psychology of the psychological experiment: With particular reference to demand characteristics and their implications. *American Psychologist*, 17:776-783, 1962.
- ORNE, MARTIN T., and SCHEIBE, KARL E.: The contribution of nondeprivation factors in the production of sensory deprivation effects: The psychology of the "panic button." *Journal of Abnormal and Social Psychology*, 68:3-12, 1964.
- MH-3372 (R01) SPERRY, ROGER W.: Investigations of neural mechanisms in behavior. California Institute of Technology, Pasadena, Calif. (1959- )
- ARORA, H. L.: Effect of forcing a regenerative optic fiber toward a foreign region of the optic tectum. (Abstract) *Anatomical Record*, 145(2):202, 1963.
- ARORA, H. L., and SPERRY, R. W.: Optic nerve regeneration after surgical cross-union of medial and lateral optic tracts. (Abstract) *American Zoologist*, 2(3):389, 1962.
- ARORA, H. L., and SPERRY, R. W.: Color discrimination after optic nerve regeneration in the fish *Astronotus ocellatus*. *Developmental Biology*, 7(1):234-243, 1963.
- ARORA, H. L., and SPERRY, R. W.: Selectivity in regeneration and reconnection of the oculomotor nerve in cichlid fishes. (Abstract) *Anatomical Record*, 128(2):357-358, 1964.
- ATTARDI, D., and SPERRY, R. W.: Preferential selection of central pathways by regenerating optic fibers. *Experimental Neurology*, 7(1):46-64, 1963.
- BERLUCCHI, GIOVANNI: Electroencephalographic studies in "split brain" cats. *Electroencephalography and Clinical Neurophysiology*, 20(4):348-356, 1966.
- BERLUCCHI, GIOVANNI: Electroencephalographic activity of the isolated hemisphere of the cat. *Experimental Neurology*, 15(2):220-228, 1966.
- BOSSOM, J. E., and HAMILTON, C. R.: Interhemispheric transfer of adaptation to a monocular prism in split-brain monkeys. (Abstract) *American Psychologist*, 17(6):384-385, 1962.
- BOSSOM, J., and HAMILTON, C. R.: Interocular transfer of prism-altered coordinations in split-brain monkeys. *Journal of Comparative and Physiological Psychology*, 56:769-774, 1963.
- GAZZANIGA, M. S.: Effects of commissurotomy on a preoperatively learned visual discrimination. *Experimental Neurology*, 8:14-19, 1963.
- GAZZANIGA, M. S.: Cerebral mechanisms involved in ipsilateral eye-hand use in split-brain monkeys. *Experimental Neurology*, 10:148-155, 1964.
- GAZZANIGA, M. S., BOGEN, J. E., and SPERRY, R. W.: Some functional effects of sectioning the cerebral commissures in man. *Proceedings of the National Academy of Sciences*, 48(10):1765-1769, 1962.
- GAZZANIGA, M. S., BOGEN, J. E., and SPERRY, R. W.: Observations on visual perception after disconnection of the cerebral hemispheres in man. *Brain*, 88(2):221-236, 1965.
- GAZZANIGA, M. S., and SPERRY, R. W.: Language in human patients after brain bisection. (Abstract) *Federation Proceedings*, 24(2)Part I:522, 1965.
- GAZZANIGA, M. S., and SPERRY, R. W.: Visuomotor control in monkey following brain lesions. (Abstract) *Federation Proceedings*, 25(2):396, 1966.
- GAZZANIGA, M. S., and SPERRY, R. W.: Simultaneous double discrimination response following brain bisection. *Psychonomic Science*, 4(7):261-262, 1966.
- GLICKSTEIN, M., ARORA, H. L., and SPERRY, R. W.: Delayed-response performance following optic tract section, unilateral frontal lesion and commissurotomy. *Journal of Comparative and Physiological Psychology*, 56(1):11-18, 1963.
- GLICKSTEIN, M., and SPERRY, R. W.: Visuomotor coordination in monkeys after optic tract section and commissurotomy. *Federation Proceedings*, 50(4):703-710, 1963.
- HAMILTON, C. R.: Intermanual transfer of adaptation to prisms. *American Journal of Psychology*, 77:457-462, 1964.
- HAMILTON, C. R., and BOSSOM, J.: Decay of prism aftereffects. *Journal of Experimental Psychology*, 67(2):148-150, 1964.
- HAMILTON, C. R., and GAZZANIGA, M. S.: Lateralization of learning of color and brightness discriminations following brain bisection. *Nature*, 201(4915):220, 1964.
- HIBBARD, EMERSON: Orientation and directed growth of Mauthner's cell axons from duplicated vestibular nerve roots. *Experimental Neurology*, 13(3):289-301, 1965.
- LEE-T'ENG, EVELYN: Visual discrimination versus visuo-motor learning in interocular transfer in the fish. *Psychonomic Science*, 5(5):209-210, 1966.
- MARK, R. F.: Fin movement after regeneration of neuromuscular connection: An investigation myotypic specificity. *Experimental Neurology*, 12(3):292-302, 1965.

- MYERS, R. E., SPERRY, R. W., and MCCURDY, NANCY: Neural mechanisms of visual guidance of limb movements. *Archives of Neurology*, 7 (3):195-202, 1962.
- ROBINSON, J. S., and VONEIDA, T. J.: Interocular perceptual integration in cats with optic chiasm and corpus callosum sectioned. (Abstract) *American Psychologist*, 16(1):447-448, 1961.
- ROBINSON, J. S., and VONEIDA, T. J.: Mask for controlling visual input in cats. *Science*, 135 (3509):1134, 1962.
- ROBINSON, J. S., and VONEIDA, T. J.: Central cross-integration of visual inputs presented simultaneously to the separate eyes. *Journal of Comparative and Physiological Psychology*, 57(1):22-28, 1964.
- SPERRY, R. W.: Some developments in brain lesion studies of learning. *Federation Proceedings*, 20: 609-616, 1961.
- SPERRY, R. W.: Cerebral organization and behavior. *Science*, 133:1749-1757, 1961.
- SPERRY, R. W.: Some general aspects of interhemispheric integration. In: Montcastle, Vernon B., ed. *Interhemispheric relations and cerebral dominance*. Baltimore, Md., Johns Hopkins Press, 1962, p. 43-49.
- SPERRY, R. W.: Orderly function with disordered structure. In: von Foerster, H., and Zopf, G. W., Jr., eds. *Principles of self-organization*. New York, Pergamon, 1962, p. 279-290.
- SPERRY, R. W.: Evidence behind chemoaffinity theory of synaptic patterning. (Abstract) *Anatomical Record*, 145:288, 1963.
- SPERRY, ROGER W.: Recovery of sight after transplantation of eyes and regeneration of retina and optic nerve. In: Proceedings of International Congress of Technology and Blindness, 1963, p. 87-97.
- SPERRY, R. W.: Chemoaffinity in the orderly growth of nerve fiber patterns and connections. *Proceedings of the National Academy of Science*, 50(4): 703 and 710, 1963.
- SPERRY, ROGER W.: James Arthur lecture on the evolution of the human brain 1964. Problems outstanding in the evolution of brain function. New York, American Museum of Natural History, 1964, 22 p.
- SPERRY, R. W.: The great cerebral commissure. *Scientific American*, 201(1):42-52, 1964.
- SPERRY, R. W.: Corpus callosum and intermodal visuo-tactile integration in the monkey. *Anatomical Record*, 151(3):476, 1965.
- SPERRY, R. W., and ARORA, H. L.: Selectivity in regeneration of the oculomotor nerve in the cichlid fish, "*Astronotus ocellatus*." *Journal of Embryology and Experimental Morphology* (Great Britain), 14(3):307-317, 1965.
- SUTHERLAND, N. S.: Cat's ability to discriminate oblique rectangles. *Science*, 139(3551):209-210, 1963.
- TEITELBAUM, H.: A comparison of effects of orbitofrontal and hippocampal lesions upon discrimination learning and reversal in the cat. *Experimental Neurology*, 9:452-462, 1964.
- TREVARTHEN, C.: Exploring the neural mechanisms of the mind. *Engineering and Science*, 26(2): 15-24, 1962.
- VANDERWOLF, C. H.: Effect of combined medial thalamic and septal lesions on active-avoidance behavior. *Journal of Comparative and Physiological Psychology*, 58:31-37, 1964. (Also acknowledges MH-2455).
- VANDERWOLF, C. H., and HERON, W.: Electroencephalographic waves with voluntary movement. *Archives of Neurology*, 11:379-384, 1964. (Also acknowledges MH-2455).
- VONEIDA, T. J.: Further studies of neural pathways in learning. *Anatomical Record*, 142:287-288, 1962.
- VONEIDA, T. J.: Investigating the brain—its structure and function. *Engineering and Science*, 25: 19-22, 1962.
- VONEIDA, THEODORE J.: Performance of a visual conditioned response in split-brain cats. *Experimental Neurology*, 8(6):493-504, 1963.
- VONEIDA, T. J., and SPERRY, R. W.: Central nervous pathways involved in conditioning. *Anatomical Record*, 130(2):283, 1961.
- WEBSTER, D. B.: Audio-motor integration in callosum-sectioned cats. (Abstract) *Anatomical Record*, 142(2):290, 1962.
- WEBSTER, DOUGLAS B., and VONEIDA, THEODORE J.: Learning deficits following hippocampal lesions in split-brain cats. *Experimental Neurology*, 10:170-182, 1964.
- WESTERMAN, R. A.: Somatic inheritance of habituation of responses to light in planarians. *Science*, 140:676-677, 1963.
- MH-3374 (R01) KILLAM, KEITH F., JR., and KILLAM, EVA KING: Drug action on brain sensory and integrative pathways. Stanford University, Stanford, Calif. (1959- )
- BERRY, C. A., and HANCE, A. J.: Patterns of excitability in cerebral cortex. (Abstract) *Federation Proceedings*, 22(2)Part 1:391, 1963.
- BERRY, C. A., and HANCE, A. J.: Patterns of excitability in the cat cerebral cortex. *Electroencephalography and Clinical Neurophysiology*, 18 (2):124-130, 1965.

- BERRY, C. A., and STARK, L. G.: Modification of conditional behavior by prior experience. *Psychopharmacologia*, 7(6):409-415, 1965. (Also acknowledges MH-3241).
- CHIN, JANE H., KILLAM, EVA K., and KILLAM, KEITH F.: Factors affecting sensory input in the cat: Modification of evoked auditory potentials by reticular formation. *Electroencephalography and Clinical Neurophysiology*, 18(6):567-574, 1965.
- CHIN, J. H., KILLAM, E. K., and KILLAM, K. F.: Evoked interaction patterns in chronically implanted cats following chlorpromazine. *International Journal of Neuropsychopharmacology*, 4(2):47-64, 1965.
- CHIN, JANE HENG, and KILLAM, KEITH F.: Comparison of chlorpromazine, trifluoperazine and pentobarbital on conditioned arousal to reticular stimulation in cats. *Psychopharmacologia*, 8(1):41-59, 1965.
- GYERMEK, L., CARPENTER, R., and KILLAM, K. F.: Neuropharmacological comparison of the steroid anesthetic (hydroxydione) with pentobarbital. (Abstract) *Pharmacologist*, 5:255, 1963.
- KILLAM, EVA K.: Drug action on the brain stem reticular formation. *Pharmacological Reviews*, 14:175-223, 1962.
- MITCHELL, C. L., NELSON, S. D., and KILLAM, K. F.: Modification of afferent interaction patterns by chlorpromazine, meprobamate, morphine and pentobarbital. (Abstract) *Pharmacologist*, 3:79, 1961. (Also acknowledges MH-3241).
- MONTI, JAIME M., HANCE, A. J., and KILLAM, K. F.: CNE effects of haloperidol (McN-JR-1625). (Abstract) *Federation Proceedings*, 25(2):229, 1966.
- MH-3375 (R01) STARKWEATHER, JOHN A.: Effect of drugs on vocal behavior. Langley Porter Neuropsychiatric Institute, San Francisco, Calif. (1959-1964)
- HARGREAVES, W. A., and STARKWEATHER, J. A.: Recognition of speaker identity. *Language and Speech*, 6:63-67, 1963.
- HARGREAVES, WILLIAM and STARKWEATHER, JOHN A.: Voice quality changes in depression. *Language and Speech*, 7(2):84-88, 1964.
- HARGREAVES, WILLIAM A., STARKWEATHER, J. A., and BLACKER, K. H.: Voice quality in depression. *Journal of Psychology*, 70(3):218-220, 1965.
- STARKWEATHER, J. A.: A speech rate meter for vocal behavior analysis. *Journal of the Experimental Analysis of Behavior*, 3:111-114, 1960. (Also acknowledges MH-2015).
- STARKWEATHER, J. A.: Vocal communication of personality and human feelings. *Journal of Communication*, 11:63-72, 1961.
- STARKWEATHER, J. A.: A simple noise source. *Journal of the Experimental Analysis of Behavior*, 4:298, 1961.
- STARKWEATHER, JOHN A.: Variation in vocal behavior. *Disorders of Communication*, 42:424-449, 1964.
- STARKWEATHER, J. A., and DECKER, J. B.: Computer analysis of interview content. *Psychological Reports*, 15:875-882, 1964.
- STARKWEATHER, J. A., and HARGREAVES, W. A.: The influence of sodium pentobarbital on vocal behavior. *Journal of Abnormal and Social Psychology*, 69:123-126, 1964.
- STARKWEATHER, J. A., and LANGSLEY, D.: Separation of two-channel recordings for vocal behavior studies. *Journal of the Experimental Analysis of Behavior*, 4:193-195, 1961.
- MH-3383 (R01) PICCHIONI, ALBERT L., and BREITNER, CARL: Brain neurohormone levels following CNS stimulation. University of Arizona, Tucson, Ariz. (1959-65)
- BREITNER, C., PICCHIONI, A. L., and CHIN, L.: Neurohormone levels in brain after CNS stimulation, including electrotherapy. *Journal of Neuropsychiatry*, 5(3):153-158, 1964.
- BREITNER, C., PICCHIONI, A., CHIN, L., and BURTON, L.: Effect of electrostimulation on brain 5-hydroxytryptamine concentration. *Diseases of the Nervous System*, 22(4):93-96, 1961.
- CHIN, L., PICCHIONI, A. L., and CHILDS, R. F.: Light—an essential factor in the trihydroxyindole-spectrophotofluorometric assay of norepinephrine. *Journal of Pharmaceutical Sciences*, 52:907-909, 1963.
- PICCHIONI, A. L., CHIN, L., and BREITNER, C.: Relationship between brain levels of 5-hydroxytryptamine (5-HT) and norepinephrine (NE) and susceptibility to electrically-induced seizures. *Federation Proceedings*, 21:416, 1962.
- PICCHIONI, A. L., CHIN, L., CHOISSE, D., and BREITNER, C.: 5-Hydroxytryptamine (5-HT) and norepinephrine (NE): Relationship to audiogenic seizure (AS). (Abstract) *Pharmacologist*, 5:238, 1963.
- MH-3384 (R01) OTIS, LEON S.: A multidimensional behavioral analysis of drugs. Johns Hopkins University, Baltimore, Md. (1959-60) (Continued as MH-4789).
- OTIS, L. S., and BOENNING, R. A.: A transistorized circuit for recording contact responses. *Journal of the Experimental Analysis of Behavior*, 2:289-291, 1959. (Also acknowledges MH-4789).
- MH-3387 (R01) CROWELL, DAVID H.: Infant responsiveness. University of Hawaii, Honolulu, Hawaii. (1959-63).



- BEADLE, KATHRYN, R., and CROWELL, DAVID H.: Neonatal electrocardiographic responses to sound: Methodology. *Journal of Speech and Hearing Research*, 5(2):112-123, 1962.
- CROWELL, D. H., YASAKA, E., and CROWELL, DORIS: Infant stabilimeter. *Child Development*, 35:525-532, 1964.
- MH-3392 (R03) RISS, WALTER: Intracranial stimulation and shaping behavior. State University of New York—Downstate Medical Center, Brooklyn, N.Y. (1959-60)
- Riss, W.: Hippocampal electrical interaction with the midline thalamus in sleep and reticular dominance of the midline thalamus during excitement. *Anatomical Record*, 139:319, 1961.
- MH-3394 (R01) MEEHAN, JOHN P., and JACOBS, HOWARD I.: Role of emotion in cardiovascular responses to stress. University of Southern California, Los Angeles, Calif. (1959-64)
- JACOBS, A., CAPEK, L., and MEEHAN, J. P.: The measurement of verbal responses to experimentally induced changes in emotional states. III. The arousal of feelings of well-being. *Journal of Psychological Studies*, 12(3):128-134, 1961.
- MH-3396 (R01) WARREN, J. M.: Functions of association cortex in learning. Yerkes Laboratories of Primate Biology—Emory University, Orange Park, Fla. (1959-60) (Continued from MH-1364).
- BRAMEL, DANA, and WARREN, J. M.: Retention of discrimination habits by cats. *Journal of Genetic Psychology*, 96:241-244, 1960. (Also acknowledges MH-835 and MH-1364).
- CRONHOLM, J. N., WARREN, J. M., and HARA, KAZUO: Distribution of training and reversal learning by cats. *Journal of Genetic Psychology*, 96:105-113, 1960. (Also acknowledges MH-835 and MH-1364).
- FORWARD, EDNA, WARREN, J. M., and HARA, KAZUO: The effects of unilateral lesions in sensorimotor cortex on manipulation by cats. *Journal of Comparative and Physiological Psychology*, 55(5):1130-1135, 1962. (Also acknowledges MH-1364 and MH-1895).
- HARA, KAZUO: Visual defects resulting from prestriate cortical lesions in cats. *Journal of Comparative and Physiological Psychology*, 55(3):293-298, 1962. (Also acknowledges MH-1364 and MH-1895).
- HARA, KAZUO, and WARREN, J. H.: Stimulus additivity and dominance in discrimination performance by cats. *Journal of Comparative and Physiological Psychology*, 54(1):86-90, 1961. (Also acknowledges MH-835 and MH-1364).
- HARA, KAZUO, and WARREN, J. M.: Equivalence reactions by normal and brain-injured cats. *Journal of Comparative and Physiological Psychology*, 54(1):91-93, 1961. (Also acknowledges MH-835 and MH-1364).
- JOSHI, BHUWAN LAL, and WARREN, J. M.: Discrimination of ambivalent cue stimuli by cats. *Journal of Psychology*, 47:3-7, 1959. (Also acknowledges MH-835 and MH-1364).
- MARONEY, R. J., WARREN, J. M., and SINHA, M. M.: Stability of social dominance hierarchies in monkeys (*Macaca Mulatta*). *Journal of Social Psychology*, 50:285-293, 1959. (Also acknowledges MH-835 and MH-1364).
- WARREN, J. M.: Solution of object and positional discriminations by rhesus monkeys. *Journal of Comparative and Physiological Psychology*, 52(1):92-93, 1959. (Also acknowledges MH-835 and MH-1364).
- WARREN, J. M.: Stimulus perseveration in discrimination learning by cats. *Journal of Comparative and Physiological Psychology*, 52(1):99-101, 1959. (Also acknowledges MH-835 and MH-1364).
- WARREN, J. M.: Oddity learning set in a cat. *Journal of Comparative and Physiological Psychology*, 53(4):433-434, 1960. (Also acknowledges MH-835 and MH-1364).
- WARREN, J. M.: Supplementary report: Effectiveness of food and nonfood signs in reversal learning by monkeys. *Journal of Experimental Psychology*, 60(4):263-264, 1960. (Also acknowledges MH-835 and MH-1364).
- WARREN, J. M.: Discrimination reversal learning by cats. *Journal of Genetic Psychology*, 97:317-327, 1960. (Also acknowledges MH-835 and MH-1364).
- WARREN, J. M.: Solution of sign-differentiated object and positional discriminations by rhesus monkeys. *Journal of Genetic Psychology*, 96:365-369, 1960. (Also acknowledges MH-835 and MH-1364).
- WARREN, J. M.: Individual differences in discrimination learning by cats. *Journal of Genetic Psychology*, 98:89-93, 1961. (Also acknowledges MH-835 and MH-1364).
- WARREN, J. M.: The behavior of carnivores and primates with lesion in the prefrontal cortex. In: Warren, J. M., and Akert, K., eds. *The frontal granular cortex and behavior*. New York, McGraw-Hill, 1964, p. 168-191. (Also acknowledges MH-1364 and MH-4726).
- WARREN, J. M., GRANT, R., HARA, K., and LEARY, R. W.: Impaired learning by monkeys with unilateral lesions in association cortex. *Journal of Comparative and Physiological Psychology*, 56(2):241-253, 1963. (Also acknowledges MH-1895).

- WARREN, J. M., and KIMBALL, H.: Transfer relations in discrimination learning by cats. *Journal of Comparative and Physiological Psychology*, 52 (3):336-338, 1959. (Also acknowledges MH-835 and MH-1364).
- WARREN, J. M., and SINHA, M. M.: Interactions between learning sets in monkeys. *Journal of Genetic Psychology*, 95:19-25, 1959. (Also acknowledges MH-835 and MH-1364).
- WARREN, J. M., and WARREN, H. B.: Interspecies differences in learning by carnivores? *Perceptual and Motor Skills*, 9:346, 1959. (Also acknowledges MH-835 and MH-1364).
- WARREN, J. M., and WARREN, HELEN B.: Reversal learning by horse and raccoon. *Journal of Genetic Psychology*, 100:215-320, 1962. (Also acknowledges MH-835 and MH-1364).
- WARREN, J. M., WARREN, HELEN B., and AKERT, K.: Umweg learning by cats with lesions in the prefrontal cortex. *Journal of Comparative and Physiological Psychology*, 54(6):629-632, 1961. (Also acknowledges MH-1364 and MH-835).
- WARREN, J. M., WARREN, HELEN B., and AKERT, KONRAD. Orbitofrontal cortical lesions and learning in cats. *Journal of Comparative Neurology*, 118(1):17-42, 1962. (Also acknowledges MH-835 and MH-1364).
- YAMAGUCHI, SHUN-ICHI, and WARREN, J. M.: Single versus double alternation learning by cats. *Journal of Comparative and Physiological Psychology*, 54(5):533-538, 1961. (Also acknowledges MH-835 and MH-1364).
- MH-3398 (R01) ROSENBLATT, JAY S.: Maternal behavior in lower mammals. The State University of Rutgers, New Brunswick, N. J. (1959-63)
- ROSENBLATT, JAY S., and LEHRMAN, DANIEL S.: Maternal behavior in the laboratory rat. In: Rheingold, Harriet L., ed. *Maternal behavior in mammals*. New York, Wiley, 1963, p. 8-57.
- ROTH, LORRAINE L., and ROSENBLATT, JAY S.: Mammary glands of pregnant rats: Development stimulated by licking. *Science*, 151(3716):1403-1404, 1966.
- MH-3400 (R01) BRESLOW, LESTER: Human population laboratory for epidemiologic studies. California State Department of Public Health, Berkeley, Calif. (1959-62)
- BRESLOW, LESTER, and HOCHSTIM, JOSEPH: Socio-cultural aspects of cervical cytology in Alameda County. *Public Health Reports*, 79(2):107-112, 1964.
- HOCHSTIM, JOSEPH R.: Comparison of three information-gathering strategies in a population study of socio-medical variables. In: Goldfield, Edwin D., ed. *Proceedings of the Social Statistics Section*. Washington, D.C., American Statistical Association, 1962, p. 154-159.
- MH-3401 (R03) BURCHINAL, LEB G., and CHANCELLOR, LOREN E.: Factors in cross-religious marriages and divorces. Iowa State University, Ames, Iowa. (1959-62)
- BURCHINAL, L. G.: Comparison of state- and diocese-reported marriage data for Iowa, 1953-57. *American Catholic Sociological Review*, 23:21-29, 1962.
- BURCHINAL, L. G.: Religious identification and occupational status of Iowa grooms, 1953-1957. *American Sociological Review*, 27:526-532, 1962.
- BURCHINAL, L. G.: Relations among interreligious marriages, migratory marriages and civil marriages in Iowa. *Eugenics Quarterly*, 9:75-83, 1962.
- BURCHINAL, L. G.: Factors related to interreligious marriages in Iowa, 1953-1957. Iowa Agricultural and Home Economics Experiment Station, Research Bulletin 510, November, 1962.
- BURCHINAL, L. G.: Survival rates among religiously homogamous and interreligious marriages. Iowa Agricultural and Home Economics Experiment Station, Research Bulletin 512, December, 1962.
- BURCHINAL, L. G.: Ages at marriage, occupations of grooms and interreligious marriages. *Social Forces*, 40:348-354, 1962.
- BURCHINAL, L. G.: Proportions of Catholics, urbanism, and mixed-Catholic marriage rates among Iowa counties. *Social Problems*, 9:359-365, 1962.
- BURCHINAL, L. G.: Survival rates among religiously homogamous and interreligious marriages. *Social Forces*, 41:353-362, 1963.
- MH-3406 (R03) PAVLIK, WILLIAM B.: Extinction in the instrumental-reward situation. Western Michigan University, Kalamazoo, Mich. (1959-60)
- PAVLIK, W. B., and REYNOLDS, W. F.: Effects of deprivation schedule and reward magnitude on acquisition and extinction performance. *Journal of Comparative and Physiological Psychology*, 56:452-455, 1963.
- PAVLIK, W. B., THOMPSON, R. R., and REYNOLDS, W. F.: Extinction under changed stimulus conditions. *Perceptual and Motor Skills*, 16:171-177, 1963.
- MH-3408 (R03) SCOTT, GEORGE T.: Physiological influences of ataraxic drugs. Oberlin College, Oberlin, Ohio. (1959-59)
- SCOTT, GEORGE T.: Melanophora dispersing action of ataraxic drugs. (Abstract) *Biological Bulletin*,

117(2):400, 1959. (Also acknowledges MH-3903).

H-3414 (R03) SCHAEFER, HALMUTH H.: Constancy aspects of operants. Loyola University, Chicago, Ill. (1959-59)

SCHAEFER, HALMUTH H.: The effect of changing the schedule of reinforcement upon duration of responding. *Journal of the Experimental Analysis of Behavior*, 2(4):335-341, 1959.

SCHAEFER, HALMUTH H.: Vibration as effective reinforcer for infant children. (Abstract) *Journal of the Experimental Analysis of Behavior*, 3(2):160, 1960.

SCHAEFER, HALMUTH H.: Operant learning of systems limitations. *Psychological Reports*, 6:51-56, 1960.

H-3421 (R03) GEWIRTZ, HAVA B.: Reinforcers for children's response gradients. University of Maryland, College Park, Md. (1959-59)

LEIN, D., and MAYO, C.: Group dynamics as a basic process of community psychiatry. In: Bellak, L., ed. *Handbook of community mental health*. New York, Grune & Stratton, 1964, p. 47-64.

H-3429 (R03) VIDICH, ARTHUR J.: Social and psychological consequences of change. Individual, Storrs, Conn. (1959-59)

VIDICH, ARTHUR J.: Psicología política y el Cambio Social. In: Memoria, Toma II, 6th Congreso Latinoamericano de Sociología. Caracas, Impran de Nacional, 1961, p. 327-340.

H-3435 (R01) ROCK, IRVIN: Studies in associative learning. Yeshiva University, New York, N.Y. (1959-62) (Continued from MH-2082).

ROCK, I.: The present status of Gestalt psychology. In: Festschrift for Gardner Murphy. New York, Harper, 1960, p. 117-144. (Also acknowledges MH-2082).

ROCK, I.: A neglected aspect of the problem of recall. In: Scher, Jordan, ed. *Toward a definition of mind*. Glencoe, Ill., Free Press, 1962, p. 645-659. (Also acknowledges MH-2082).

ROCK, I., and CERRASO, J.: Toward a cognitive theory of associative learning. In: Scheerer, C., ed. *Cognition: Theory, research, promise*. New York, Harper & Row, 1964, p. 110-146. (Also acknowledges MH-2082).

ROCK, I., and EBENHOLTZ, S.: The relational determination of perceived size. *Psychological Review*, 66(6):387-401, 1959. (Also acknowledges MH-2082).

ROCK, I., and EBENHOLTZ, S.: Stroboscopic movement based on change of phenomenal location

rather than retinal location. *American Journal of Psychology*, 75(2):193-207, 1962. (Also acknowledges MH-2082).

ROCK, I., EPSTEIN, W., and ZUCKERMAN, C. B.: Meaning and familiarity in associative learning. *Psychological Monographs*, 74(4):1-22, 1960. (Whole No. 491) (Also acknowledges MH-2082).

MH-3437 (R01) CARLSON, HELEN B., and COTTON, JOHN W.: Nonpsychotic confusional states in college students. Roosevelt University, Chicago, Ill. (1959-61) (Continued from MH-1969).

BENVENISTE, S., CARLSON, H. B., COTTON, J. W., and GLASER, N.: The acute confusional state in college students: Statistical analysis of twenty cases. *Journal of Psychology*, 48:271-277, 1959. (Also acknowledges MH-1969).

CARLSON, HELEN B.: The relationship of the acute confusional state to ego development. *International Journal of Psychoanalysis*, 42:517-536, 1961. (Also acknowledges MH-1969).

CARLSON, HELEN B.: The maturation of the college student. Ann Arbor, Mich., Edwards Brothers, 1962, 9 p. (Also acknowledges MH-1969).

CARLSON, HELEN B.: Identity-confusion. Part I. Identification of the syndrome. Ann Arbor, Mich., Edwards Brothers, Inc., 1963. (Also acknowledges MH-1969).

CARLSON, HELEN B.: Identity-confusion. Part II. Research design for identification of the syndrome: Analysis of preliminary results. Ann Arbor, Edwards Brothers, 1963, 28 p. (Also acknowledges MH-1969).

CARLSON, HELEN B.: Identity-confusion (acute confusional state): Research design for identification of the syndrome and analysis of preliminary results. *International Journal of Neuropsychiatry*, 1(5):452-465, 1965.

MH-3442 (R01) CAPLAN, GERALD: Research and development in community mental health. Harvard Medical School, Boston, Mass. (1959-65)

BRAGG, ROBERT L.: Risk of admission to mental hospital following hysterectomy of cholecystectomy. *American Journal of Public Health*, 55(9):1403-1410, 1965.

CAPLAN, G.: Emotional implications of pregnancy and influences on family relationships. In: Stuart, H. C., and Prugh, D. G., eds. *The healthy child*. Cambridge, Mass., Harvard University Press, 1960, p. 72-82.

CAPLAN, G.: The roots of human relationships: Mother and infant. In: Stuart, H. C., and Prugh, D. G., eds. *The healthy child*. Cambridge, Mass., Harvard University Press, 1960, p. 209-220.

- CAPLAN, G.: Patterns of parental response to the crisis of premature birth. *Psychiatry*, 23:365-374, 1960.
- CAPLAN, G.: An approach to community mental health. New York, Grune & Stratton, 1961, 263 p.
- CAPLAN, G., ed.: Curriculum content. In: Mental health teaching in schools of public health. New York, Columbia University, 1961, p. 195-234.
- CAPLAN, G.: Primaire preventie van geestelijke stoornissen bij kinderen door hulpverlening tijdens crisisperiodes. *Geneeskundige Gids*, Nr. 14, Moormans Periodieke Pers, Zwarteweg 1, The Hague, Holland, July, 1962.
- CAPLAN, G.: Types of mental health consultation. *American Journal of Orthopsychiatry*, 33:470-481, 1963.
- CAPLAN, G.: Conception, pregnancy, and childbirth. In: Deutsch, A., and Fishman, H., eds. *Encyclopedia of mental health*. Vol. 1. New York, Franklin Watts, 1963, p. 337-354.
- CAPLAN, G.: Emotional crises. In: Deutsch, A., and Fishman, H., eds. *Encyclopedia of mental health*. Vol. 2. New York, Franklin Watts, 1963, p. 521-532.
- CAPLAN, G.: Prevention of mental disorders. In: Deutsch, A., and Fishman, H., eds. *Encyclopedia of mental health*. Vol. 5. New York, Franklin Watts, 1963, p. 1556-1566.
- CAPLAN, G.: Opportunities for school psychologists in the primary prevention of mental disorders in children. *Mental Hygiene*, 47:525-539, 1963.
- CAPLAN, G.: Psychological aspects of pregnancy. In: Lief, Harold, Lief, Victor F., and Lief, Nina R., eds. *The psychological basis of medical practice*. New York, Hoeber-Harper, 1963, p. 441-448.
- CAPLAN, G.: The role of pediatricians in community mental health (with particular reference to the primary prevention of mental disorders in children). In: Bellak, Leopold, ed. *Handbook of community psychiatry and community mental health*. New York, Grune & Stratton, 1964, p. 287-299.
- CAPLAN, G.: Principles of preventive psychiatry. Basic Books, New York, 1964.
- CAPLAN, GERALD, MASON, EDWARD A., and KAPLAN, DAVID M.: Four studies of crisis in parents of prematures. *Community Mental Health Journal*, 1(2):149-161, 1965.
- CONNERS, J. D., WOLKON, G. H., HAEFNER, D. P., and STOTSKY, B. A.: Outcome of post-hospital rehabilitative treatment of mental patients as a function of ego strength. *Journal of Counseling Psychology*, 7:278-282, 1960.
- HOWE, L. P.: The concept of the community: Some implications for the development of community psychiatry. In: Bellak, Leopold, ed. *Handbook of community psychiatry and community mental health*. New York, Grune & Stratton, 1964, p. 16-46.
- KAPLAN, D. M.: The 'continuous workshop': A form of interdisciplinary research team organization. *Social Work*, 5(4):78-82, 1960.
- MASON, E. A.: Children in the hospital. (Film). Distributed by the International Film Bureau, Chicago, 1961.
- OWENS, C.: Methods of improving service to the patient and family through consultation to public health nurses. In: Proceedings of a Conference for Mental Health Nurse Consultants on Bridging Public Health and Mental Health Programs. Providence, Rhode Island, William R. Brown, 1960.
- PLAUT, THOMAS, F. A.: Practical politics and public health. *Harvard Public Health Alumni Bulletin*, 27(2):6-9, 1960.
- RAPOPORT, L.: Working with families in crisis: An exploration in preventive intervention. *Social Work*, 7:48-56, 1962.
- RAPOPORT, R. V.: Normal crises, family structure and mental health. *Family Process*, 2:68-80, 1963.
- RAPOPORT, RHONA: The transition from engagement to marriage. *Acta Sociologica* (Denmark), 8(1-2):36-55, 1964.
- RAPOPORT, RHONA, and RAPOPORT, ROBERT: New light on the honeymoon. *Human Relations*, 17:33-56, 1964.
- RAPOPORT, ROBERT, and RAPOPORT, RHONA: Work and family in contemporary society. *American Sociological Review*, 30(3):381-394, 1965.
- MH-3444 (R03) ZUBIN, JOSEPH, and PENNES, HARRY H.: Biometric evaluation of drug therapies. New York State Department of Mental Hygiene, New York, N.Y. (1959-60)
- ZUBIN, J.: Measurement of changes in human behavior under the effects of psychotropic drugs. In: Rothlin, E., ed. *Neuropsychopharmacology*, 2:333-338, 1961. (Also acknowledges MH-1541).
- MH-3448 (R03) JACOBS, HARRY L.: Psychophysiology of hunger. University of Rochester, Rochester, N.Y. (1959-60)
- JACOBS, HARRY L.: The osmotic post-ingestion factor in the regulation of glucose appetite. In: Kare, M., and Halpern, B., eds. *The physiological and behavioral aspects of taste*. Chicago, University of Chicago Press, 1961, p. 16-28. (Also acknowledges MH-4320).

- JACOBS, HARRY L.: Some physical, metabolic, and sensory components in the appetite for glucose. *American Journal of Physiology*, 203:1043-1054, 1962. (Also acknowledges MH-4320).
- MH-3453 (R03) KORSCH, BARBARA M., and COBB, KATHARINE: Pediatricians' appraisals of patients' intelligence. Cornell University, New York, N.Y. (1959-59)
- KORSCH, BARBARA, COBB, KATHARINE, and ASHE, BARBARA: Pediatricians' appraisals of patients' intelligence. *Pediatrics*, 27(6):990-1003, 1961.
- MH-3455 (R03) EVAN, WILLIAM M.: A sociological study of organizational structure. Columbia University, New York, N.Y. (1959-60)
- EVAN, WILLIAM M.: Some consequences of a discrepant authority relationship. In: Proceedings and Summaries of the 23rd Annual Meeting, New York State Psychological Association, May 1960, p. 32-34.
- EVAN, WILLIAM M.: Role strains and the norm of reciprocity in research organizations. *American Journal of Sociology*, 68:346-354, 1962.
- MH-3459 (R03) REYNOLDS, ROBERT W.: Role of area postrema in regulation of food intake. University of California, Santa Barbara, Calif. (1959-59)
- CARLISLE, H. J., and REYNOLDS, R. W.: Effect of amphetamine on food intake in rats with brainstem lesions. *American Journal of Physiology*, 201: 965-967, 1961.
- MH-3461 (R03) OHWAKI, SONOKO: Relations of oculomotor adjustments to apparent size. Clark University, Worcester, Mass. (1959-59)
- BIERSDORF, WILLIAM R., OHWAKI, SONOKO, and KOZIL, D. J.: The effect of instructions and oculomotor adjustments on apparent size. *American Journal of Psychology*, 76(1):1-17, 1963.
- MH-3465 (R03) HEINBERG, PAUL J.: Psychological factors in implicit communication. State University of Iowa, Iowa City, Iowa. (1959-60)
- HEINBERG, PAUL: Factors related to an individual's ability to perceive implications from dialogues. *Speech Monographs*, 28(4):274-281, 1961.
- MH-3466 (R03) ELKIND, DAVID: Children's success in constructing serial orders. Wheaton College, Norton, Mass. (1959-61)
- ELKIND, D.: Quantity conceptions in junior and senior high school students. *Child Development*, 32:551-560, 1961.
- ELKIND, DAVID: The child's conception of his religious denomination. I. The Jewish child. *Journal of Genetic Psychology*, 99:209-225, 1961.
- ELKIND, DAVID: The child's conception of his religious denomination. II. The Catholic child. *Journal of Genetic Psychology*, 101:185-193, 1962.
- ELKIND, D.: Quantity conceptions in college students. *Journal of Social Psychology*, 57:459-465, 1962.
- ELKIND, DAVID: The child's conception of his religious denomination. III. The Protestant child. *Journal of Genetic Psychology*, 103:291-304, 1963.
- ELKIND, D.: Discrimination, seriation, and numeration of size and dimensional differences in young children: Piaget replication study VI. *Journal of Genetic Psychology*, 104:275-296, 1964.
- ELKIND, D., and SCOTT, L.: Studies in perceptual development: I. The decentering of perception. *Child Development*, 33:619-630, 1962.
- MH-3471 (R01) LINDEMANN, ERICH: Research in community mental health. Massachusetts General Hospital, Boston, Mass. (1959-65)
- ALLINSMITH, W.: The learning of moral standards. In: Miller, D. R., and Swanson, G. E., eds. *Inner conflict and defense*. New York, Henry Holt, 1960, p. 141-176.
- ALLINSMITH, W.: Religious affiliations and politico-economical attitude: A study of eight major U.S. religious groups. In: Odegard, P. H., ed. *Religion and politics*. Dobbs Ferry, New York, Oceana Publications, 1960, p. 139-151.
- ALLINSMITH, W., and GRIMES, J. W.: Compulsivity, anxiety and school achievement. *Merrill-Palmer Quarterly on Behavior and Development*, 7:247-271, 1961.
- ALLINSMITH, W., and ROSENBLITH, J. F.: The causes of behavior: Reading in child development and educational psychology. Boston, Allyn & Bacon, 1962, 514 p.
- ARONSON, J.: The group interview in mental health research: Methodological aspects of an inquiry among prehospitalization associates of schizophrenics. *Mental Hygiene*, 48:85-92, 1964.
- ARONSON, J., KLINE, N., and FIELD, M.: Soviet psychiatric nomenclature. *American Journal of Psychiatry*, 118:178-180, 1961.
- ARONSON, J., and LEVIN, M.: Political alienation. In: Levin, M., ed. *The alienated voter*. New York, Holt, Rhinehart & Winston, 1960, p. 58-76.
- ARONSON, J., and POLGAR, S.: Pathogenic relationships in schizophrenia. *American Journal of Psychiatry*, 119:222-227, 1962.
- BALDWIN, J., GELFAND, S., KELLY, J. G., LANGE, H., NEWBROUGH, J. R., and SIMMONS, A. J.: Community mental health and social psychiatry: A reference guide. Cambridge Mass., Harvard University Press, 1962, 161 p.

- BRAGG, R.: A study of certain psychological aspects of vocational (occupational) disability. (Abstract) *American Journal of Psychiatry*, 119: 570-571, 1962.
- FRIED, M., and LINDEMANN, E.: Sociocultural factors in mental health and illness. *American Journal of Orthopsychiatry*, 31:87-101, 1961. (Also acknowledges MH-9137).
- HARE, P.: Dimensions of social interaction. *Behavioral Science*, 5(3):211-215, 1960.
- HARE, P.: Handbook of small group research. Glencoe, Ill., Free Press, 1962, 512 p.
- HARE, P., WAXLER, N., SASLOW, G., and MATAZZO, J. D.: Simultaneous recording of Bales and Chapple interaction measures during initial psychiatric interviews. *Journal of Consulting Psychology*, 24:193, 1960.
- HERZAN, H., and WYATT, G. I.: Therapy with stuttering children and their mothers. *American Journal of Orthopsychiatry*, 32(4):645-659, 1962.
- KLEIN, D.: The minister and mental health: An evaluation. *Journal of Pastoral Care*, 13:230-236, 1959.
- KLEIN, D.: Problems in adjustment to school. In: Stuart, H. C., and Prugh, D. G., eds. *The healthy child*. Cambridge, Mass., Harvard University, 1960, p. 427-447.
- KLEIN, D.: Some concepts concerning the mental health of the individual. *Journal of Consulting Psychology*, 24:288-293, 1960.
- KLEIN, D.: The prevention of mental illness. *Mental Hygiene*, 45:101-109, 1960.
- KLEIN, D.: Behavior patterns of a community. In: Proceedings of Institute on Community Planning for Patients. Minneapolis, Minn., University of Minnesota, 1960, p. 6-9.
- KLEIN, D.: The prevention of mental illness in the community. In: Report of a workshop for mental health clinic staffs and advisory board members. Columbia, South Carolina, The South Carolina Mental Health Commission, 1960, p. 16-32.
- KLEIN, D., and KENNEDY, W. A.: Seating behavior of large groups. *Adult Leadership*, June, 1960.
- KLEIN, D., and LINDEMANN, E.: Preventive intervention in individual and family crisis situations. In: Caplan, G., ed. *Prevention of mental disorders in children*. New York, Basic Books, 1961, p. 283-307.
- KLEIN, D., ROSSI, A. M., VON FELSINGER, J. M., and PLAUT, T.: A survey of psychologists in community mental health: Activities and opinions on education needs. *Psychological Monographs*, 75: 1-38, 1961.
- LINDEMANN, E.: The relation of drug-induced mental changes to psychoanalytical theory. *Bulletin of the World Health Organization*, 21:517-526, 1959.
- LINDEMANN, E.: The ingredients of personality. In: Stuart, H. C., and Prugh, D. G., eds. *The healthy child*. Cambridge, Mass., Harvard University Press, 1960, 192-202.
- LINDEMANN, E.: Psychiatric activities in general hospitals. *Medical Education Bulletin*, 5:8-14, 1960.
- LINDEMANN, E.: Feldstudien in der Vorbeugenden Psychiatrie. *Praxis der Psychotherapie*, 5:22-33, 1960.
- LINDEMANN, E.: Disorganization of behavior in man. Psychosocial factors as stressor agents. In: Tanner, J. M., ed. *Stress and psychiatric disorder*. Oxford, England, Blackwell Science Publishers, 1960, p. 13-17.
- LINDEMANN, E.: Die soziale organization der menschlichen lebewesen. *Praxis der Psychotherapie*, 2: 49-62, 1961.
- LINDEMANN, E.: Recent studies on preventive intervention in social and emotional crises. In: Ojemann, R. H., ed. *Recent research looking toward preventive intervention*. Iowa City, Iowa State University, 1961, p. 13-40.
- LINDEMANN, E.: Preventive intervention in situational crises. In: Nielsen, Gerhard S., ed. *Clinical psychology*. Denmark, Munksgaard, 1962, p. 69-88.
- LINDEMANN, E.: Beobachtungen über Krankheiten und psychische Reaktionen in verschiedenen Gesellschaftsschichten und Kulturen. *Der Internist*, 3: 72-76, 1962.
- LINDEMANN, E.: Die Vorbeugung Psychosomatischer Erkrankungen mit Rücksicht auf den sozialen Raum. *Praxis der Psychotherapie*, 7:166-173, 1962.
- LINDEMANN, E.: Mental health and the environment. In: Duhl, L. J., ed. *The urban condition*. New York, Basic Books, 1963, p. 3-10.
- LINDEMANN, E.: Social system factors as determinants of resistance to change. *American Journal of Orthopsychiatry*, 35(3):544-557, 1965. (Also acknowledges MH-9137).
- LINDEMANN, E., and BARRY, H., JR.: Critical ages for maternal bereavement in psychoneuroses. *Psychosomatic Medicine*, 22:166-181, 1960.
- LINDEMANN, E., and VON FELSINGER, M.: Drug effects and personality theory. *Psychopharmacologia*, 2:69-92, 1961.
- ROSENBLITH, J. F.: The modified Graham behavior test of neonates: Test-retest reliability normative data and hypotheses for future work. *Biological Neonatology*, 3:174-192, 1961.

- ROSENBLITH, J. F.: Imitative color choices in kindergarten children. *Child Development*, 32:211-223, 1961.
- ROSENBLITH, J. F.: Contributions of Piaget to developmental psychology: A symposium. *Merrill-Palmer Quarterly of Behavior and Development*, 9:241-285, 1963.
- ROSENBLITH, J. F., and DELUCIA, L. A.: Tactile sensitivity and muscular strength in the neonate. *Biologia Neonatorum*, 5:266-282, 1963.
- SIFNEOS, P. E.: Tutorial: A useful way to teach psychiatry to senior medical students. *American Journal of Psychiatry*, 118:832-836, 1962.
- SIFNEOS, P. E.: A study of mode and motive of some patients who attempted suicide. In: Proceedings of the 3rd World Congress of Psychiatry. Vol. 2. Montreal, University of Toronto Press/McGill University Press, 1962, p. 1245-1250.
- SIFNEOS, P. E., and MCCOURT, W. F.: Wishes for life and death of some patients who attempted suicide. *Mental Hygiene*, 46:543-552, 1962.
- SIMMONS, A.: A philosophy for research scientists. Part of a symposium on community mental health research. (Abstract) *Public Health Reports*, 78: 62, 1963.
- SIMMONS, A., BALDWIN, J., GELFAND, S., KELLY, J. G., LANGE, H., and NEWBROUGH, J. R.: Community mental health and social psychiatry: A reference guide. Cambridge, Massachusetts, Harvard University Press, 1962, 161 p.
- THOMA, L., and LINDEMANN, E.: Newcomers' problems in a suburban community. *Journal of the American Institute of Planners*, 27:185-193, 1961.
- VON FELSINGER, M.: The volunteer subject in research. In: Ladimer, I., and NEWMAN, R., eds. *Clinical investigation in medicine: Legal, ethical and moral aspects*. Boston, Boston University, Law-Medicine Research Institute, 1963, p. 440-450.
- VON FELSINGER, M., and KLEIN, D. C.: Professional training for the mental health field. *Mental Hygiene*, 46:203-217, 1962.
- WEISMAN, A. D.: The psychodynamic formulation conflict. *A. M. A. Archives of General Psychiatry*, 1:288-309, 1959.
- WEISMAN, A. D., and HACKETT, T. P.: Organization and function of a psychiatric consultation service. *International Record of Medicine*, 173:306-311, 1960.
- WEISMAN, A. D., and HACKETT, T. P.: Psychiatric management of operative syndromes: I. The therapeutic consultation and the effect of non-interpretive intervention. *Psychosomatic Medicine*, 22: 267-282, 1960.
- WEISMAN, A. D., and HACKETT, T. P.: Psychiatric management of operative syndromes: II. Psychodynamic factors in formulation and management. *Psychosomatic Medicine*, 22:356-372, 1960.
- ZOLA, I.: Problems of communication, diagnosis, and patient care: The interplay of patient, physician and clinic organization. *Journal of Medical Education*, 38:829-838, 1963.
- ZOLA, I.: Observations on gambling in a lower-class setting. *Social Problems*, 10:353-361, 1963.
- ZOLA, I., STORCKIE, J. D., and DAVIDSON, G. E.: On going to see the doctor: The contributions of the patient to the decision to seek medical aid. A selective review. *Journal of Chronic Disease*, 16: 975-989, 1963.
- MH-3473 (R01) MORPHET, EDGAR L., and SCHUTZ, WILLIAM C.: Empirical tests of a theory of interpersonal behavior. University of California, Berkeley, Calif. (1959-62)
- SCHUTZ, W. C., and KRASNOW, E.: An IBM 704-709 program for Guttman Scaling. (Abstract) *Behavioral Science*, 9(1):87, 1964.
- MH-3477 (R01) KRIVOV, WILLIAM A.: The mechanism of action of lysergic acid diethylamide. Baylor University, Houston, Texas. (1959- ) (Continued from MH-2272).
- GUILLEMIN, R., and KRIVOV, W.: L'hormone mélanophoretique (B-MSH) joue-t-elle un rôle dans les fonctions du système nerveux central chez les mammifères supérieurs? *Comptes Rendus Hebdomadaires des Séances de L'Académie des Sciences*, 250:1117-1119, 1960. (Also acknowledges MH-2272).
- KRIVOV, W.: Potentiation of substance P by lysergic acid diethylamide "in vivo". *British Journal of Pharmacology*, 16:253-256, 1960. (Also acknowledges MH-2272).
- KRIVOV, W.: The action of analgesic agents on positive after-potentials of frog sciatic nerve. *Journal of Pharmacology and Experimental Therapeutics*, 129:186-190, 1960. (Also acknowledges MH-2272).
- KRIVOV, W.: A comparison of the action of substance P and other naturally occurring polypeptides on spinal cord. *Proceedings of the Society of Bosnia and Herzegovina-Yugoslavia*, 1:131-137, 1961. (Also acknowledges MH-2272).
- KRIVOV, W., BODANSZKY, M., and LANDE, S.: Neurological and oxytocic actions of some nonapeptides related to bradykinin. (Abstract) *Biochemical Pharmacology*, 12(Supplement):179-180, 1961. (Also acknowledges MH-2272).
- KRIVOV, W., and GUILLEMIN, R.: On a possible role of  $\beta$ -melanocyte stimulating hormone ( $\beta$ -

- MSH) in the central nervous system of the mammalia: An effect of  $\beta$ -MSH in the spinal cord of the cat. *Endocrinology*, 69:170-175, 1961. (Also acknowledges MH-2272).
- KRIVOV, W., and GUILLEMIN, R.: Antagonism of chlorpromazine by beta-melanocyte stimulating hormone ( $\beta$ -MSH). *Experimentia*, 18:20-21, 1962. (Also acknowledges MH-2272).
- KRIVOV, W., and HUGGINS, R.: The action of morphine, methadone, meperidine, and nalorphine on dorsal root potentials of cat spinal cord. *Journal of Pharmacology and Experimental Therapeutics*, 134:210-213, 1961. (Also acknowledges MH-2272).
- KRIVOV, W., and KROEGER, D.: Chlorpromazine inhibition of the positive intermediary potential. *Proceedings of the Society for Experimental Biology and Medicine*, 109:30-32, 1962. (Also acknowledges MH-2272).
- KRIVOV, W., and KROEGER, D.: The neurogenic activity of high potency substance P. *Experimentia*, 19:366-367, 1963. (Also acknowledges MH-2272).
- KRIVOV, W. A., LANE, M., CHILDERS, H. E., and GUILLEMIN, R.: On the action of  $\beta$ -MSH on spontaneous electric discharge of the transparent knife fish, "G. eigenmannia." *Experimentia*, 18: 521-522, 1962. (Also acknowledges MH-2272).
- KRIVOV, W., LANE, M., and KROEGER, D.: The actions of certain polypeptides on synaptic transmission. *Annals of the New York Academy of Sciences*, 104:312-325, 1963. (Also acknowledges MH-2272).
- KRIVOV, W., LANE, M., and KROEGER, D.: The effects of drugs on the electric knife fish, "Eigenmannia virescens." *Proceedings of the Society for Experimental Biology and Medicine*, 114:640-644, 1963. (Also acknowledges MH-2272).
- KROEGER, D., GONZALES, F., and KRIVOV, W.: Transmembrane potentials of cultured mouse dental pulp cells. *Proceedings of the Society for Experimental and Biological Medicine*, 108:134-136, 1961. (Also acknowledges MH-2272).
- KROEGER, D. C., and KRIVOV, W.: The interaction between chlorpromazine and bradykinin. (Abstract) *Pharmacologist*, 4:174, 1962. (Also acknowledges MH-2272).
- LONG, J., KRIVOV, W., and GUILLEMIN, R.: On a possible role of  $\beta$ -melanocyte stimulating hormone ( $\beta$ -MSH) in the central nervous system of the mammalia: Enzymatic inactivation in vitro of  $\beta$ -MSH by brain tissue. *Endocrinology*, 69:176-181, 1961. (Also acknowledges MH-2272).
- VICK, R. L., KRIVOV, W., and KROEGER, D. C.: Effects of bradykinin on the specialized ventricular conducting system of the dog heart. (Abstract) *Biochemical Pharmacology*, 14(9):1400-1401, 1965.
- VICK, R. L., KRIVOV, W., and KROEGER, D. C.: Effects of bradykinin and its 6-glycine derivative on the excitability of dog ventricle. (Abstract) *Federation Proceedings*, 24(2)Part I: 137, 1965.
- MH-3481 (R01) CHAPMAN, LOREN J.: Experimental study of schizophrenic thinking. University of Kentucky, Lexington, Ky. (1959-62) (Continued from MH-1416; as MH-7306).
- BURSTEIN, ALVIN G.: Some verbal aspects of primary process thought in schizophrenia. *Journal of Abnormal and Social Psychology*, 62:155-157, 1961. (Also acknowledges MH-1416).
- CHAPMAN, L. J.: Confusion of figurative and literal usages of words by schizophrenics and brain-damaged patients. *Journal of Abnormal and Social Psychology*, 60:412-416, 1960. (Also acknowledges MH-1416).
- CHAPMAN, L. J.: A re-interpretation of some pathological disturbances in conceptual breadth. *Journal of Abnormal Social Psychology*, 62:514-519, 1961. (Also acknowledges MH-1416).
- CHAPMAN, L. J.: A search for lunacy. *Journal of Nervous and Mental Disease*, 132:171-174, 1961. (Also acknowledges MH-1416).
- CHAPMAN, L. J.: Emotional factors in schizophrenic deficit. *Psychological Reports*, 9:564, 1961. (Also acknowledges MH-1416).
- CHAPMAN, L. J.: The problem of selecting drug-free schizophrenics for research. *Journal of Consulting Psychology*, 27:540-542, 1963. (Also acknowledges MH-7306 and MH-1416).
- CHAPMAN, L. J., and BAXTER, J.: The process-reactive distinction and patients' subculture. *Journal of Nervous and Mental Disease*, 136:352-359, 1963. (Also acknowledges MH-7306 and MH-1416).
- CHAPMAN, L. J., BURSTEIN, A., DAY, DOROTHY, and VERDONE, P.: Regression and disorders of thought. *Journal of Abnormal and Social Psychology*, 63:540-545, 1961. (Also acknowledges MH-1416).
- CHAPMAN, L. J., and CHAPMAN, JEAN P.: Atmosphere effect re-examined. *Journal of Experimental Psychology*, 58:220-226, 1959. (Also acknowledges MH-1416).
- CHAPMAN, LOREN J., CHAPMAN, JEAN P., and MILLER, GLENN A.: A theory of verbal behavior in schizophrenia. In: Maher, Brendan, ed. *Progress in experimental personality research*. Vol. 1. New York, Academic Press, 1964. (Also acknowledges MH-7306).



- CHAPMAN, L. J., DAY, DOROTHY, and BURSTEIN, A.: The process-reaction distinction and prognosis in schizophrenia. *Journal of Nervous and Mental Disease*, 133:383-391, 1961. (Also acknowledges MH-1416).
- CHAPMAN, L. J., and KNOWLES, R. R.: The effects of phenothiazine on disordered thought in schizophrenia. *Journal of Consulting Psychology*, 28 (2):165-169, 1964. (Also acknowledges MH-7306 and MH-4674).
- GOTTESMAN, L., and CHAPMAN, L. J.: Syllogistic reasoning errors in schizophrenia. *Journal of Consulting Psychology*, 24:250-255, 1960. (Also acknowledges MH-1416).
- USDANSKY, G., and CHAPMAN, L. J.: Schizophrenic-like response in normal Ss under time pressure. *Journal of Abnormal and Social Psychology*, 60: 143-146, 1960.
- MH-3487 (R01) BROCHMANN-HANSEN, EINAR, and KUMLER, WARREN D.: Studies on opium and the opium poppy. University of California, Berkeley, Calif. (1960- )
- BROCHMANN-HANSEN, E.: Gas chromatography and its application to pharmaceutical analysis. *Journal of Pharmaceutical Sciences*, 51(11):1017-1031, 1962.
- BROCHMANN-HANSEN, E., and FURUYA, T.: A new opium alkaloid. *Journal of Pharmaceutical Sciences*, 53:575, 1964.
- BROCHMANN-HANSEN, E., and FURUYA, T.: Opium alkaloids-separation and identification by gas, thin-layer and paper chromatography. *Journal of Pharmaceutical Sciences*, 53(12):1549-1550, 1964.
- BROCHMANN-HANSEN, EINAR, and NIELSEN, BENEDIK: (+)-Reticuline—A new opium alkaloid. *Tetrahedron Letters*, 18:1271-1274, 1965.
- BROCHMANN-HANSEN, E., and NOURI, Y. MARY: A unified analysis of opium by thin-layer chromatography and spectrophotometry. United Nations Documents, ST/SOA/SER.K/129, June 10, 1963.
- BROCHMANN-HANSEN, E., and SVENDSEN, A. BAERHEIM: Gas chromatography of barbiturates and related compounds. *Journal of Pharmaceutical Sciences*, 50(9):804, 1961.
- BROCHMANN-HANSEN, E., and SVENDSEN, A. BAERHEIM: Separation and identification of barbiturates and some related compounds by means of gas-liquid chromatography. *Journal of Pharmaceutical Sciences*, 51(4):318-321, 1962.
- BROCHMANN-HANSEN, E., and SVENDSEN, A. BAERHEIM: Gas chromatography of sympathomimetic amines. *Journal of Pharmaceutical Sciences*, 51(4): 393, 1962.
- BROCHMANN-HANSEN, E., and SVENDSEN, A. BAERHEIM: Separation and identification of sympathomimetic amines by gas-liquid chromatography. *Journal of Pharmaceutical Sciences*, 51(10):938-941, 1962.
- BROCHMANN-HANSEN, E., and SVENDSEN, A. BAERHEIM: Gas chromatography of alkaloids, alkaloidal salts and derivatives. *Journal of Pharmaceutical Sciences*, 51(11):1095-1098, 1962.
- BROCHMANN-HANSEN, E., and SVENDSEN, A. BAERHEIM: Quantitative determination of morphine in opium by gas-liquid chromatography. *Journal of Pharmaceutical Sciences*, 52:1134-1136, 1963.
- JABBAR, A., and BROCHMANN-HANSEN, E.: The amino acids in opium: Assay, characteristics, composition and origin. United Nations Document, ST/SOA/SER.K/102, August 3, 1960.
- JABBAR, A., and BROCHMANN-HANSEN, E.: Amino acids in opium. *Journal of Pharmaceutical Sciences*, 50(5):406-408, 1961.
- KELLOGG, HARMON M., SVENDSEN, A. BAERHEIM, and BROCHMANN-HANSEN, E.: Gas chromatography of esters of plant acids and their identification in plant materials. *Journal of Pharmaceutical Sciences*, 53:420-423, 1964.
- MIYAMOTO, S., and BROCHMANN-HANSEN, E.: Determination of the origin of opium based on its content of meconic acid, sulfuric acid and total acid. United Nations Document, ST/SOA/SER.K/106, January 23, 1961.
- MIYAMOTO, S., and BROCHMANN-HANSEN, E.: The amino acids in opium. II. Quantitative determination. United Nations Document, ST/SOA/SER.K/109, March 30, 1961.
- MIYAMOTO, S., and BROCHMANN-HANSEN, E.: Dissociation constants of certain  $\gamma$ -pyrone dicarboxylic acids. Meconic acid and chelidonic acid. *Journal of Pharmaceutical Sciences*, 51(6):552-554, 1962.
- NAYAK, K. P., BROCHMANN-HANSEN, E., and WAY, E. L.: Biological disposition of noscapine. I. *Journal of Pharmaceutical Sciences*, 54(2): 191-194, 1965.
- NOURI, Y. MARY, and BROCHMANN-HANSEN, E.: Quantitative determination of the principal alkaloids of opium by thin-layer chromatography. *Lloydia*, 26(4):223-228, 1963.
- SVENDSEN, A. BAERHEIM, and BROCHMANN-HANSEN, E.: Gas chromatography of barbiturates. II. Application to the study of their metabolism and excretion in humans. *Journal of Pharmaceutical Sciences*, 51(5):494-495, 1962.
- SVENDSEN, A. BAERHEIM, and BROCHMANN-HANSEN, E.: Separation of amino acids on ion exchange papers. Dependence of  $R_f$  values on pH

- and ionic strength. *Journal of Pharmaceutical Sciences*, 51(6):514-517, 1962.
- SVENDSEN, A. BAERHEIM, and BROCHMANN-HANSEN, E.: Gas chromatographic analysis of opium. I. Determination of morphine. United Nations Documents, ST/SOA/SER.K/127, January 28, 1963.
- SVENDSEN, A. B., and BROCHMANN-HANSEN, E.: The assay, characteristics, composition and origin of opium. No. 143. Gas chromatographic analysis of opium. II. Determination of the principal nonphenolic alkaloids. N. Y., United Nations Secretariat, 1964, 7 p. (ST/SOA/SER.K/143).
- MH-3489 (R01) BUGELSKI, B. RICHARD: Evaluation of the limits of one-trial learning. University of Buffalo—prior to Sept. 1, 1962, Buffalo, N.Y. (1960-62)
- BUGELSKI, B. R.: Presentation time, total time, and mediation in paired-associate learning. *Journal of Experimental Psychology*, 63(4):409-412, 1962.
- BUGELSKI, B. R., and PICKWOOD, J.: Presentation, total time, and mediation in paired-associate learning, self-pacing. *Journal of Experimental Psychology*, 65(6):616-617, 1963.
- MH-3491 (R01) FRENCH, JOHN D., and BUCHWALD, NATHANIEL A.: Behavioral and electrical studies of basal ganglia. University of California, Los Angeles, Calif. (1960-63)
- BUCHWALD, N. A., HEUSER, G., HULL, C., and WYERS, E. J.: Blocking of "caudate-spindles" by stimulation of lateral geniculate body. (Abstract) *Federation Proceedings*, 20:327, 1961.
- BUCHWALD, N. A., HEUSER, G., LAUPRECHT, C., and WYERS, E. J.: Inhibition of caudate induced "spindling" by stimulation of thalamic and basal ganglionic structures. (Abstract) *Physiologist*, 3: 32, 1960.
- BUCHWALD, N. A., HEUSER, G., WYERS, E. J., and LAUPRECHT, C. W.: The "caudate-spindle." III. Inhibition of the "caudate-spindle" by high frequency stimulation of subcortical structures. *Electroencephalography and Clinical Neurophysiology*, 13:525-530, 1961.
- BUCHWALD, N. A., HORVATH, F. E., WYERS, E. J., and WAKFIELD, C.: Electroencephalogram rhythms correlated with milk reinforcements in cats. *Nature*, 201(4921):830-831, 1964.
- BUCHWALD, N. A., WYERS, E., CARLIN, J., and FARLEY, R.: Effects of stimulation of the caudate nucleus on visual discrimination in cats. (Abstract) *Anatomical Record*, 136:172, 1960.
- BUCHWALD, N. A., WYERS, E. J., CARLIN, J., and FARLEY, R. E.: Effects of caudate stimulation on visual discrimination. *Experimental Neurology*, 4:23-35, 1961.
- BUCHWALD, N. A., WYERS, E. J., LAUPRECHT, C. W., and HEUSER, G.: An electrical indication of behavioral inhibition. (Abstract) *Anatomical Record*, 139:212, 1961.
- BUCHWALD, N. A., WYERS, E. J., LAUPRECHT, C. W., and HEUSER, G.: The "caudate-spindle" IV. A behavioral index of caudate-induced inhibition. *Electroencephalography and Clinical Neurophysiology*, 13:531-537, 1961.
- BUCHWALD, N. A., WYERS, E. J., OKUMA, T., and HEUSER, G.: The "caudate-spindle" I. Electrophysiological properties. *Electroencephalography and Clinical Neurophysiology*, 13:509-518, 1961.
- DAVIDSON, J. M., and SAWYER, C. H.: Evidence for an hypothalamic focus of inhibition of gonadotropin by androgen in the male. *Proceedings of the Society for Experimental Biology and Medicine*, 107:4-7, 1961.
- HEUSER, G., BUCHWALD, N. A., and WYERS, E. J.: The "caudate-spindle." II. Facilitatory and inhibitory caudate-cortical pathways. *Electroencephalography and Clinical Neurophysiology*, 13:519-524, 1961.
- RAKIC, L., BUCHWALD, N. A., and WYERS, E. J.: Induction of seizures by stimulation of the caudate nucleus. *Electroencephalography and Clinical Neurophysiology*, 14:809-823, 1962.
- RAKIC, L., BUCHWALD, N. A., WYERS, E. J., HULL, C., and HEUSER, G.: Integration of visual impulses and the "caudate loop." *Experimental Neurology*, 5:1-20, 1962.
- RAKIC, L., WYERS, E. J., and BUCHWALD, N. A.: EEG changes during "working attentive behavior" in intact cats and in cats with bilateral caudate lesions. (Abstract) *Physiologist*, 4:90, 1961.
- WYERS, E. J., BUCHWALD, N. A., and CARLIN, J.: Electrical manifestations during visual discrimination. (Abstract) *Anatomical Record*, 136:304, 1960.
- MH-3496 (R01) ROGERS, CARL R., GENDLIN, EUGENE T., KIESLER, D. J., and TRUAX, CHARLES B.: Therapeutic process in schizophrenics and normals. University of Wisconsin, Madison, Wisc. (1960-64)
- BERGIN, A. E.: The effects of psychotherapy: Negative results revisited. *Journal of Counseling Psychology*, 10:244-250, 1963.
- GENDLIN, EUGENE T.: Client-centered developments in psychotherapy with schizophrenics. Discussion Papers (Wisconsin Psychiatric Institute). 1(7). Madison, Wis., University of Wisconsin, 1961.
- GENDLIN, EUGENE T.: Client-centered developments and work with schizophrenics. *Journal of Counseling Psychology*, 9(3):205-212, 1962.

- GENDLIN, E. T.: Experiencing and the nature of concepts. *Christian Scholar*, 46:245-255, 1963.
- GENDLIN, E. T.: Subverbal communication and therapist expressivity trends in client-centered therapy with schizophrenics. *Journal of Existential Psychiatry*, 4:105-120, 1963.
- KIESLER, DONALD J., KLEIN, MARJORIE H., and MATHIEU, PHILIPPA L.: Sampling from the recorded therapy interview: The problem of segment location. *Journal of Consulting Psychology*, 29(4):337-344, 1965.
- KIESLER, D. J., MATHIEU, PHILIPPA L., and KLEIN, MARJORIE H.: Sampling from the recorded therapy interview: A comparative study of different segment lengths. *Journal of Consulting Psychology*, 28(4):349-357, 1964.
- ROGERS, C. R.: The process equation of psychotherapy. *American Journal of Psychotherapy*, 15: 27-45, 1961.
- ROGERS, C. R.: A theory of psychotherapy with schizophrenics and a proposal for its empirical investigation. In: Dawson, J. G., Stone, H. K., and Dells, N. P., eds. *Psychotherapy with schizophrenics*. Baton Rouge, Louisiana State University Press, 1961, p. 3-19.
- ROGERS, C. R.: The interpersonal relationship: The core of guidance. *Harvard Educational Review*, 32(4):416-429, 1962.
- ROGERS, C. R.: Some learnings from a study of psychotherapy with schizophrenics. *Pennsylvania Psychiatric Quarterly*, 3(2):3-15, 1962.
- ROGERS, C. R.: A study of psychotherapeutic change in schizophrenics and normals: The design and instrumentation. *Psychiatric Research Reports*, 15: 51-60, 1962.
- ROGERS, C. R.: The therapeutic relationship: Recent theory and research. (Privately printed). Western Behavioral Science Institute, Inc., 1019 Torrey Pines Road, La Jolla, California, 1962.
- ROGERS, C. R.: The actualizing tendency in relation to "motives" and to consciousness. In: Jones, M. R., ed. *Nebraska symposium on motivation*. Lincoln, Neb., University of Nebraska, 1963, p. 1-24.
- ROGERS, C. R.: Toward a science of the person. In: Wann, T. W., ed. *Behaviorism and phenomenology*. Chicago, University of Chicago, 1964, p. 109-140.
- ROGERS, CARL R.: Toward a modern approach to values. *Journal of Abnormal and Social Psychology*, 68(2):160-167, 1964.
- STOLER, N.: Client likability: A variable in the study of psychotherapy. *Journal of Consulting Psychology*, 27:175-178, 1963.
- TOMLINSON, T. M., and HART, J. T.: A validation study of the Process Scale. *Journal of Consulting Psychology*, 26:74-78, 1962.
- TRUAX, CHAS. B.: A tentative approach to the conceptualization and measurement of intensity and intimacy of interpersonal contact as a variable in psychotherapy. *Psychiatric Institute Bulletin* (Madison, University of Wisconsin), 2:1-7, 1962.
- TRUAX, CHAS. B.: Effective ingredients in psychotherapy: An approach to unraveling the patient-therapist interaction. *Journal of Counseling Psychology*, 10:256-263, 1963.
- VAN DER VEEN, F.: Effects of the therapist and the patient on each other's therapeutic behavior. *Journal of Consulting Psychology*, 29(1):19-26, 1965.
- WALKER, A. M., RABLEN, R. A., and ROGERS, C. R.: Development of a scale to measure process change in psychotherapy. *Journal of Clinical Psychology*, 16:79-85, 1960.
- WHARTON, W. P.: The case of Harry and therapist flexibility. *Journal of Counseling Psychology*, 10:179-184, 1963.
- MH-3498 (R01) SHANAN, JOEL, and BRZEZINSKI, AHARON: Psychological factors in functional amenorrhea. Hebrew University—Hadassah Medical School, Jerusalem, Israel. (1960-63)
- SHANAN, JOEL: Family structure as predictor of transient amenorrhea. *Medicina Psychosomatica* (Austria), 7:377-380, 1965.
- SHANAN, J., BRZEZINSKI, A., SULMAN, F., and HERYZ, D.: Facteurs psychologiques dans l'aménorrhée transitoire. (Abstract) *Revue de Médecin Psychosomatique*, 4:215, 1962.
- SHANAN, J., BRZEZINSKI, A., SULMAN, F., and SHARON, M.: Active coping behavior, anxiety, and cortisol steroid excretion in the prediction of transient amenorrhea. *Behavioral Science*, 10 (4):461-465, 1965.
- MH-3501 (R03) WHITTIER, JOHN R.: Anticoagulant effects on aged psychotic patients. Creedmoor State Hospital, New York, N.Y. (1959-61)
- KORENYI, C., GOLDSCHMIDT, L., and WHITTIER, J. R.: Anticoagulant medication in the aged. *Geriatrics*, 17:269-274, 1962.
- WHITTIER, J. R., and KORENYI, C.: Selected characteristics of aged patients: A study of mental hospital admissions. *Comprehensive Psychiatry*, 2:113-120, 1961.
- WHITTIER, JOHN R., and KORENYI, CHARLES: Selected biological, medical and psychiatric characteristics of male patients age 60 and over upon admission to a state hospital for the first time.

- In: Wortis, Joseph, ed. *Recent advances in biological psychiatry*. New York & London, Grune & Stratton, 1961, p. 93-95.
- MH-3502 (R03) ANDERSON, NORMAN H.: Formation of personality impressions. University of California, Los Angeles, Calif. (1959-60)
- ANDERSON, NORMAN H.: Test of prediction of stimulus sampling theory in probability learning. *Journal of Experimental Psychology*, 71(4):499-510, 1966.
- ANDERSON, NORMAN H., and BARRIES, ALFRED A.: Primary effects in personality impression formation. *Journal of Abnormal and Social Psychology*, 63:346-350, 1961.
- MH-3503 (R03) MORROW, WILLIAM R., and BERGER, ANDREW: Prejudice and the offenses of criminal insane men. State Hospital No. 1, Fulton, Mo. (1959-60)
- MORROW, WILLIAM R., and BERGER, ANDREW: Prejudice and the offenses of penal-psychiatric patients. *Journal of Clinical Psychology*, 20:218-225, 1964.
- MH-3504 (R03) DANIELS, MORRIS J.: Role and nonrole determinants of role enactments. San Diego State College, San Diego, Calif. (1959-61)
- DANIELS, MORRIS J.: Levels of organization in the role position of the staff nurse. *Social Forces*, 40:242-247, 1962.
- MH-3507 (R01) HELWIG, HAROLD L., LIPSCOMB, WENDELL, R., PHILP, JOHN R., and REYNOLDS, TELFER: The relationship of zincuria to hepatic dysfunction. California State Department of Public Health, Berkeley, Calif. (1960-63)
- KAHN, ARTHUR M., HELWIG, HAROLD L., REDEKER, ALLAN G., and REYNOLDS, TELFER B.: Urine and serum zinc abnormalities in disease of the liver. *American Journal of Clinical Pathology*, 44(4):426-435, 1965.
- MH-3514 (R01) FARLEY, JANE, and WALDROP, WILLIAM F.: Psychic factors in hearing loss. Parly Hearing Institute, Chicago, Ill. (1960-63)
- FARLEY, J. C., DERBYSHIRE, A. J., AUSTIN, D. F., WALDROP, W. W., CARTER, R. L., MCCORMICK, C., and MILLS, P. J.: Psychic factors in hearing loss. *Annals of Otolaryngology, Rhinology, and Laryngology*, 69(3):731-746, 1960.
- FARLEY, J. C., MCCORMICK, C., OPPFELT, G. R., and MILLS, P. J.: The functions of psychic factors in hearing loss. *International Audiology*, 1(1), 1962. Also in: *L'Audiologie Internationale*, 1(1):1-9, 1962.
- KLEMESRUD, J.: Puppets speak a message of joy. *Chicago Daily News*, July 13, 1963, p. 25.
- MILLS, P. J., DERBYSHIRE, A. J., and CARTER, R. L.: Changes evoked by auditory stimulation in the electroencephalograph in sleep. *Electroencephalography and Clinical Neurophysiology*, 13:79-90, 1961.
- NORKUS, F. J., DERBYSHIRE, A. J., MILLS, P. J., and CARTER, R. L.: Frequency measure of the EEG. *Journal of the Acoustical Society of America*, 32(9):1147-1150, 1960.
- MH-3517 (R01) HUNT, DAVID E.: Personality patterns in adolescent boys. Syracuse University, Syracuse, N.Y. (1959-63)
- CARR, JOHN E.: The role of conceptual organization in interpersonal discrimination. *Journal of Psychology*, 59:159-176, 1965.
- HARVEY, O. J., HUNT, D. E., and SCHRODER, H. M.: Conceptual systems and personality organization. New York, Wiley, 1961, 375 p.
- HUNT, DAVID E., and DOPYERA, JOHN: Personality variation in lower-class children. *Journal of Psychology*, 62(1):47-54, 1966.
- LUCAS, CAROL: Task performance and group structure as a function of personality and feedback. *Journal of Social Psychology*, 66(2):257-270, 1965.
- WOLFE, R.: The role of conceptual systems in cognitive functioning at varying levels of age and intelligence. *Journal of Personality*, 31:108-123, 1963.
- MH-3518 (R01) GJERSTAD, GUNNAR: Intermediary metabolism and alkaloid biosynthesis. University of Texas, Austin, Texas. (1961-65)
- GJERSTAD, GUNNAR: Intermediary metabolism of ergot. II. Exploratory radiochemical investigations. *Planta Medica*, 10(2):221-225, 1962.
- GJERSTAD, GUNNAR: Intermediary metabolism of ergot. III. Preliminary enzyme experiments. *Planta Medica*, 10(3):269-274, 1962.
- GJERSTAD, GUNNAR: Intermediary metabolism of ergot. VI. Influence of colchicine on the growth and metabolism of "Claviceps purpurea." *Quarterly Journal of Crude Drug Research*, 3:461-464, 1963.
- GJERSTAD, GUNNAR: Intermediary metabolism of ergot. V. Lipid and alkaloid variability. *Texas Journal of Pharmacy*, 4(3):258-262, 1963.
- GJERSTAD, GUNNAR, and SIEGEL, FRANK L.: Intermediary metabolism of ergot. IV. Comparative amino acid metabolism. *Planta Medica*, 11(1):113-118, 1963.

- SIEGEL, F. L., and GJERSTAD, G.: Intermediary metabolism of ergot. IV. Comparative amino acid metabolism. *Planta Medica*, 11:113-118, 1963.
- MH-3519 (R01) STEVENSON, HAROLD W.: Reinforcement effects in normal and retarded children. University of Minnesota, Minneapolis, Minn. (1959- ) (Continued from MH-2291).
- ALLEN, SARA: The effects of verbal reinforcement on children's performance as a function of type of task. *Journal of Experimental Child Psychology*, 3(1):57-73, 1966.
- HILL, K. T., and STEVENSON, H. W.: Effectiveness of social reinforcement following social and sensory deprivation. *Journal of Abnormal and Social Psychology*, 68:579-584, 1964.
- HILL, K. T., and STEVENSON, H. W.: The effects of social reinforcement vs. nonreinforcement and sex of E on the performance of adolescent girls. *Journal of Personality*, 33(1):30-36, 1965.
- KAAS, N., and STEVENSON, H. W.: The effect of pretraining reinforcement conditions on learning by normal and retarded children. *American Journal of Mental Deficiency*, 66:76-80, 1961.
- KNIGHTS, R. M.: Test anxiety and defensiveness in institutionalized and noninstitutionalized normal and retarded children. *Child Development*, 34:1019-1026, 1963.
- ODOM, RICHARD D.: Children's performance as a function of the degree of visual stimulus deprivation and satiation. *Journal of Experimental Psychology*, 69(6):618-623, 1965.
- RUEBUSH, B. K., and STEVENSON, H. W.: The effects of mothers and strangers on the performance of anxious and defensive children. *Journal of Personality*, 32:587-600, 1964.
- STEVENSON, H. W.: Social reinforcement with children as a function of CA, sex of E, and sex of S. *Journal of Abnormal and Social Psychology*, 63:147-154, 1961.
- STEVENSON, H. W., and ALLEN, S.: Adult performance as a function of sex of experimenter and sex of subject. *Journal of Abnormal and Social Psychology*, 68:214-216, 1964.
- STEVENSON, H. W., and CRUSE, D. B.: The effectiveness of social reinforcement with normal and feeble-minded children. *Journal of Personality*, 29:124-135, 1961.
- STEVENSON, HAROLD W., and HILL, KENNEDY T.: The effects of social reinforcement and nonreinforcement following success and failure. *Journal of Personality*, 33(3):418-427, 1965.
- STEVENSON, H. W., KEEN, RACHEL, and KNIGHTS, R.: Parents and strangers as reinforcing agents for children's performance. *Journal of Abnormal and Social Psychology*, 67:183-186, 1963.
- STEVENSON, H. W., and KNIGHTS, R. M.: Effect of visual reinforcement on the performance of normal and retarded children. *Perceptual and Motor Skills*, 13:119-126, 1961.
- STEVENSON, H. W., and KNIGHTS, R. M.: The effectiveness of social reinforcement after brief and extended institutionalization. *American Journal of Mental Deficiency*, 66:589-594, 1962.
- STEVENSON, H. W., and KNIGHTS, R. M.: Social reinforcement with normal and retarded children as a function of pretraining, sex of E and sex of S. *American Journal of Mental Deficiency*, 66:866-871, 1962.
- STEVENSON, H. W., and ODOM, R. D.: The effectiveness of social reinforcement following two conditions of social deprivation. *Journal of Abnormal and Social Psychology*, 65:429-431, 1962.
- STEVENSON, HAROLD W., and ODOM, RICHARD D.: Visual reinforcement with children. *Journal of Experimental Child Psychology*, 1:248-255, 1964.
- MH-3522 (R01) SAENGER, GERHART, and GERARD, DONALD L.: Follow-up standards for alcoholism outpatient clinics. New York University, New York, N.Y. (1959-62) (Continued from MH-1426).
- GERARD, D. L., and SAENGER, G.: Interval between intake and follow-up as a factor in the evaluation of patients with a drinking problem. *Quarterly Journal of Studies on Alcohol*, 20:620-630, 1959. (Also acknowledges MH-1426).
- MH-3525 (R03) FURFEY, PAUL H., and HARTE, THOMAS JOSEPH: Factors in marginal employability. Catholic University of America, Washington, D.C. (1959-60)
- FURFEY, PAUL HANLY, HARTE, THOMAS J., and WALSH, MARY ELIZABETH: Marginal employability: A study in social deviation. In: Studies from the Bureau of Social Research. No. 2. Washington, D.C., Catholic University of America, 1962, 27 p.
- MH-3527 (R03) BERKELEY, AUSTIN W., and COHEN, MURRAY L.: Spiral aftereffects in organic patients and normals. Boston University, Boston, Mass. (1959-60)
- COHEN, MURRAY, BERKELEY, AUSTIN W., and LAVERMAN, ANITA: Asymmetry of after-effects in the upper and lower visual fields. *Perceptual and Motor Skills*, 17:795-798, 1963.
- MH-3531 (R01) VOSS, JAMES F.: Probabilistic verbal acquisition. Wooster College, Wooster, Ohio. (1960-63) (Continued as MH-8291).
- BROWN, A., OSTERHOUT, C., and VOSS, J. F.: Effect of one probabilistic verbal association upon the

- concomitant acquisition of a second association. *Journal of Verbal Learning and Verbal Behavior*, 1:48-53, 1962.
- ERDELYI, M., WATTS, B., and VOSS, J. F.: Effect of probability of competing responses in probabilistic verbal acquisition. *Journal of Experimental Psychology*, 68(4):323-329, 1964. (Also acknowledges MH-8291).
- HEALY, N., and VOSS, J. F.: Effect of list repetition upon multiple S-R<sub>1</sub>, S-R<sub>2</sub> verbal acquisition. *Psychological Reports*, 10:647-650, 1962.
- MCCRACKEN, J., OSTERHOUT, C., and VOSS, J. F.: The effect of instructions in probability learning. *Journal of Experimental Psychology*, 64:267-271, 1962.
- MORNING, N., and VOSS, J. F.: Mediation of R<sub>1</sub>-R<sub>2</sub> in the acquisition of S-R<sub>1</sub>, S-R<sub>2</sub> associations. *Journal of Experimental Psychology*, 67:67-71, 1964. (Also acknowledges MH-8291).
- POPP, RICHARD, and VOSS, JAMES E.: Acquisition-transfer and retention of S-R<sub>1</sub>, S-R<sub>2</sub> associations as a function of S-R<sub>1</sub>-S-R<sub>2</sub> pattern. *Journal of Experimental Psychology*, 70(3):304-308, 1965.
- SIMPSON, W., and VOSS, J. F.: Psychophysical judgments of probabilistic stimulus sequences. *Journal of Experimental Psychology*, 62:416-422, 1961.
- SPIETH, T., and VOSS, J. F.: Distribution of practice and probabilistic verbal acquisition. *Psychological Reports*, 10:663-666, 1962.
- VOSS, J. F.: R<sub>2</sub> competition in S-R<sub>1</sub>, S-R<sub>2</sub> verbal probability acquisition. *Psychological Reports*, 10:675-678, 1962.
- WITTLINGER, R., and VOSS, JAMES F.: Acquisition of S-R, S-R paired associates as a function of S-R, S-R probability. *Journal of Experimental Psychology*, 68(4):407-412, 1964.
- ZIMMERMAN, H., and VOSS, J. F.: The effect of marginal and conditional probabilities on one association upon concomitant acquisition of a second association. *Journal of Verbal Learning and Verbal Behavior*, 1:463-469, 1963. (Also acknowledges MH-8291).
- MH-3532 (R01) KALLMANN, FRANZ J., FRANZLER, SHERVERT H., and RAINER, JOHN D.: Mating and fertility patterns of schizophrenic families. New York State Psychiatric Institute, New York, N.Y. (1960- )
- GOLDFARB, C., and ERLÉNMEYER-KIMLING, L.: Mating and fertility trends in schizophrenia. In: Kallmann, F. J., ed. *Expanding goals of genetics in psychiatry*. New York, Grune & Stratton, 1962, p. 42-51.
- MH-3536 (R01) LINDZEY, GARDNER: Infantile trauma, temperament and gene factors. University of Minnesota, Minneapolis, Minn. (1960-64)
- LINDZEY, G., LYKKEN, D. T., and WINSTON, H. D.: Confusion, conviction and control groups. *Journal of Abnormal and Social Psychology*, 63:221-222, 1961.
- LINDZEY, G., LYKKEN, D. T., and WINSTON, H. D.: Trauma, emotionality and scientific sin. *Psychological Reports*, 9:199-206, 1961. Also in: *Psychonomic Science*, 1:35-36, 1964.
- LINDZEY, G., and MANOSEVITZ, M.: Hoarding in the mouse. *Psychonomic Science*, 1:35-36, 1964.
- LINDZEY, G., and WINSTON, H. D.: Maze learning and effects of pretraining in inbred strains of mice. *Journal of Comparative and Physiological Psychology*, 55:748-752, 1962.
- LINDZEY, G., WINSTON, H. D., and MANOSEVITZ, M.: Social dominance in inbred mouse strains. *Nature*, 91:474-476, 1961.
- LINDZEY, G., WINSTON, H. D., and MANOSEVITZ, M.: Early experience, genotype and temperament in "Mus Musculus." *Journal of Comparative and Physiological Psychology*, 56:622-629, 1963.
- LINDZEY, G., WINSTON, H. D., and WHITNEY, G. D.: Defecation in stressful and non-stressful situations. *Psychonomic Science*, 1:3-4, 1964.
- MANOSEVITZ, MARTIN: Genotype, fear, and hoarding. *Journal of Comparative and Physiological Psychology*, 60(3):412-416, 1965.
- WINSTON, H. D.: Influence of genotype and infantile trauma on adult learning in the mouse. *Journal of Comparative and Physiological Psychology*, 56(3):630-635, 1963.
- WINSTON, H. D.: Heterosis and learning in the mouse. *Journal of Comparative and Physiological Psychology*, 57:279-283, 1964.
- WINSTON, H. D., and LINDZEY, G.: Albinism and water escape performance in the mouse. *Science*, 144:189-191, 1964.
- MH-3541 (R10) MCGAUGH, JAMES L., and THOMSON, CALVIN WILLIS: The effect of selected drugs on learning. San Jose State College, San Jose, Calif. (1960-64)
- BRENN, R. A., and MCGAUGH, J. L.: Facilitation of maze learning with posttrial injections of picrotoxin. *Journal of Comparative and Physiological Psychology*, 54(5):498-501, 1961.
- BEHMI, L., and MCGAUGH, J. L.: Discrimination learning by descendants of Tryon maze bright and maze dull strains. *Psychological Reports*, 8:122, 1961.

- GERBRANDT, LAUREN K.: Dissociation of conditioned emotional and avoidance responses due to ECS. *Psychonomic Science*, 2(9):385-386, 1965.
- GERBRANDT, L. K., and THOMSON, C. W.: Competing response and amnesic effects of electroconvulsive shock under extinction and incentive shifts. *Journal of Comparative and Physiological Psychology*, 58(2):208-211, 1964.
- HUDSPETH, WILLIAM J., MCGAUGH, JAMES L., and THOMSON, CALVIN W.: Aversive and amnesic effects of electroconvulsive shock. *Journal of Comparative and Physiological Psychology*, 57:61-64, 1964.
- HUDSPETH, W. J., and THOMSON, C. W.: A further study of the facilitative effect of 5-7-diphenyl-1-3-diazadamantan-6-ol (1757 I.S.) on maze learning. *Psychological Reports*, 10:222, 1962.
- MCGAUGH, J. L.: Facilitative and disruptive effects of strychnine sulphate on maze learning. *Psychological Reports*, 8:99-104, 1961.
- MCGAUGH, J. L., and COLE, J. M.: Age and strain differences in the effect of distribution of practice on maze learning. *Psychonomic Science*, 2(9):253-254, 1965.
- MCGAUGH, J. L., JENNINGS, R. D., and THOMSON, C. W.: Effect of distribution of practice on the maze learning of descendants of the Tryon maze bright and maze dull strains. *Psychological Reports*, 11:147-150, 1962.
- MCGAUGH, J. L., and MADSEN, M.: Amnesic and punishing effects of electroconvulsive shock. *Science*, 144:182-183, 1964.
- MCGAUGH, J. L., and PETRINOVICH, L.: Comments concerning the basis of learning enhancement with central nervous system stimulants. *Psychological Reports*, 12:211-214, 1963.
- MCGAUGH, J. L., and THOMSON, C. W.: Facilitation of simultaneous discrimination learning with strychnine sulphate. *Psychopharmacologia*, 3:166-172, 1962.
- MCGAUGH, J. L., THOMSON, C. W., WESTBROOK, W. H., and HUDSPETH, W. J.: A further study of learning facilitation with strychnine sulphate. *Psychopharmacologia*, 3:352-360, 1962.
- MCGAUGH, J. L., WESTBROOK, W., and BURT, B.: Strain differences in the facilitative effects of 5-7-diphenyl-1-3-diazadamantan-6-ol (1757 I.S.) on maze learning. *Journal of Comparative and Physiological Psychology*, 54(5):502-505, 1961.
- MCGAUGH, J. L., WESTBROOK, W. H., and THOMSON, C. W.: Facilitation of maze learning with posttrial injections of 5-7-diphenyl-1-3-diazadamantan-6-ol (1757 I.S.). *Journal of Comparative and Physiological Psychology*, 55(5):710-712, 1961.
- MADSEN, MILLARD C., and MCGAUGH, JAMES L.: The effect of ECS on one-tail avoidance learning. *Journal of Comparative and Physiological Psychology*, 54(5):522-523, 1961.
- PETRINOVICH, L., BRADFORD, D., and MCGAUGH, J. L.: Drug facilitation of memory in rats. *Psychonomic Science*, 2(7):191-192, 1965.
- THOMSON, C. W., MCGAUGH, J. L., SMITH, C. E., HUDSPETH, W. J., and WESTBROOK, W. H.: Strain differences in the retroactive effects of electroconvulsive shock on maze learning. *Canadian Journal of Psychology*, 15(2):69-74, 1961.
- WESTBROOK, WILLIAM H., and MCGAUGH, JAMES L.: Drug facilitation of latent learning. *Psychopharmacologia*, 5:440-446, 1964.
- MH-3546 (R10) BURDOCK, EUGENE I., and ZUBIN, JOSEPH: Behavioral rating scales for mental patients. New York State Department of Mental Hygiene, New York, N.Y. (1960-65)
- BURDOCK, EUGENE I.: From the point of view of the philosophy of science. In: Zubin, Joseph, ed. *Field studies in the mental disorders*. New York, Grune & Stratton, 1961, p. 371-378. (Also acknowledges MH-9146).
- BURDOCK, EUGENE I.: Quantitative techniques for the evaluation of treatment. Symposium on methodological problems in research on the psychopathology of aging. *American Psychologist*, 17:328, 1962.
- BURDOCK, EUGENE I., FLEISS, J., and HARDESTY, ANNE S.: A new view of inter-rater agreement. (Abstract) *American Psychologist*, 17:362, 1962.
- BURDOCK, EUGENE I., FLEISS, J., and HARDESTY, ANNE S.: A new view of inter-observer agreement. *Personnel Psychology*, 16:373-384, 1963.
- BURDOCK, EUGENE I., GLASS, LEAH, HARDESTY, ANNE S., and BECK, YVONNE M.: A sample survey of mental hospital patients. *Journal of Clinical Psychology*, 17:253-259, 1961.
- BURDOCK, EUGENE I., and HARDESTY, ANNE S.: The reliability of judgments of ward behavior. (Abstract) *American Psychologist*, 15:469, 1960.
- BURDOCK, EUGENE I., and HARDESTY, ANNE S.: An outcome index for mental hospital patients. *Journal of Abnormal and Social Psychology*, 63:666-670, 1961.
- BURDOCK, EUGENE I., and HARDESTY, ANNE S.: Observational inventories for the assessment of mental patients. *Psychopharmacology Service Center Bulletin*, 2(4):14-16, 1962.
- BURDOCK, EUGENE I., and HARDESTY, ANNE S.: A children's behavior diagnostic inventory. *Annals of the New York Academy of Sciences*, 105:

- BURDOCK, EUGENE I., HARDESTY, ANNE S., HAKEREM, GAD, and ZUBIN, JOSEPH: A ward behavior rating scale for mental hospital patients. *Journal of Clinical Psychology*, 16:246-247, 1960.
- FLEISS, JOSEPH L.: Estimating the accuracy of dichotomous judgments. *Psychometrika*, 30(4):469-479, 1965.
- FLEISS, JOSEPH L., SPITZER, ROBERT L., and BURDOCK, EUGENE I.: Estimating accuracy of judgment using recorded interviews. *General Psychiatry*, 12(6):562-567, 1965.
- GLUSMAN, MURRAY, WON, WILLIAM, BURDOCK, EUGENE I., and RANSOHOFF, JOSEPH: Effects of midbrain lesions on "savage" behavior induced by hypothalamic lesion in the cat. In: Yahr, Melvin D., ed. *Transactions of the American Neurological Association*. Vol. 86. New York, Springer, 1961, p. 216-218. (Also acknowledges MH-3660).
- HARDESTY, ANNE S., and BURDOCK, EUGENE I.: An outcome index for mental hospital patients. (Abstract) *American Psychologist*, 15:387, 1960.
- HARDESTY, ANNE S., and BURDOCK, EUGENE I.: Predictive validity of the Ward Behavior Rating Scale for hospitalized mental patients. (Abstract) *American Psychologist*, 16:377-378, 1961.
- SPITZER, R. L., FLEISS, J. L., BURDOCK, E. I., and HARDESTY, A. S.: The mental status schedule: Rationale, reliability and validity. *Comprehensive Psychiatry*, 5:384-395, 1964.
- SPITZER, R. L., FLEISS, J., KERNOHAN, W., LEE, J. C., and BALDWIN, I. T.: Mental status schedule. *Archives of General Psychiatry*, 12(5):448-455, 1965.
- MH-3552 (R03) SCHARLOCK, DONALD P.: Avoidance learning in normal and brain-operated cats. Roosevelt University, Chicago, Ill. (1959-60)
- SCHARLOCK, DONALD P., and YARMAT, AVRUM J.: Avoidance learning as a function of trials per training session in normal and brain operated cats. *Journal of Comparative and Physiological Psychology*, 55(4):455-457, 1962.
- MH-3558 (R01) GARNER, WENDELL R.: Sequential aspects of information theory. Johns Hopkins University, Baltimore, Md. (1960-60)
- GARNER, WENDELL R.: Uncertainty and structure as psychological concepts. New York, Wiley, 1962. 369 p.
- MH-3561 (R01) SCHILD, HEINZ O., SHEPHERD, MICHAEL, and STEINBERG, HANNAH: Psychotropic drugs and autonomic dysfunction. University of London—University College, London, U.K. (1960-65)
- DICKINS, D. W., LADER, M. H., and STEINBERG, HANNAH: Differential effects of two amphetamine-barbiturate mixtures in man. *British Journal of Pharmacology and Chemotherapy*, 24(1):14-23, 1965. (Also acknowledges MH-3313).
- LADER, M. H.: The effect of cyclobarbitone on the habituation of the psycho-galvanic reflex. *Brain*, 87(2):321-340, 1964.
- LADER, M. H.: Measurement of cardiovascular variables. *Bulletin of the British Psychological Society*, 17(54):1-3, 1964.
- LADER, M. H.: The effects of cyclobarbitone on the pulse volume, pulse rate and electromyogram. *Journal of Psychosomatic Research*, 8(4):385-398, 1965.
- LADER, M. H.: The effects of cyclobarbitone on spontaneous autonomic activity. *Journal of Psychosomatic Research*, 9(2):201-207, 1965.
- LADER, M. H., and MONTAGU, J. D.: The psycho-galvanic reflex: A pharmacological study of the peripheral mechanism. *Journal of Neurology, Neurosurgery and Psychiatry*, 25:126-133, 1962.
- LADER, M. H., and WING, LORNA: Habituation of the psycho-galvanic reflex in patients with anxiety states and in normal subjects. *Journal of Neurology, Neurosurgery and Psychiatry*, 27:210-218, 1964.
- LADER, M. H., and WING, LORNA: Comparative bioassay of chlordiazepoxide and amylbarbitone sodium therapies in patients with anxiety states using physiological and clinical measures. *Journal of Neurology, Neurosurgery and Psychiatry*, 28:414-425, 1965.
- MONTAGU, J. D.: Habituation of the psycho-galvanic reflex during serial tests. *Journal of Psychosomatic Research*, 7:199-214, 1963.
- MONTAGU, J. D.: The psycho-galvanic reflex: A comparison of D.C. and A.C. methods of measurement. *Journal of Psychosomatic Research*, 8:49-65, 1964.
- SHEPHERD, M., and WING, LORNA: Pharmacological aspects of psychiatry. In: Garattini, S., and Shore, P. A., eds. *Advances in pharmacology*. Academic Press, 1:227-276, 1962.
- WING, LORNA: Physiological effects of performing a difficult task in patients with anxiety states. *Journal of Psychosomatic Research*, 7:283-294, 1964.
- MH-3562 (R01) BULLE, PETER H.: Effects of brain stimulation on serotonin release. Georgetown University, Washington, D.C. (1959-61)
- BULLE, PETER H., and PETRUCELLI, LAWRENCE M.: Cannulation of the lateral cerebral ventricle. (Abstract) *Pharmacologist*, 2(2):91, 1960.



- BULLE, PETER H., PETRUCCELLI, LAWRENCE M., and OSKOUI, MAHMOUD: Regional anesthesia of the CNS. (Abstract) *Federation Proceedings*, 20(1) Part I:312, 1961.
- MH-3565 (R01) RILEY, CARROLL L.: A study of Tepehuan medical religious practices. Southern Illinois University, Carbondale, Ill. (1960-63)
- JONES, JOHN A.: Tepecano house types. *The Kiva*, 27(4):24-26, 1962.
- RILEY, CARROLL, L., and WINTERS, HOWARD D.: The prehistoric Tepehuan of Northern Mexico. *Southwestern Journal of Anthropology*, 19(2):177-185, 1963.
- MH-3567 (R01) LANG, PETER JOHN: Associative transfer and interference in schizophrenia. University of Pittsburgh, Pittsburgh, Pa. (1960-60)
- LANG, P. J., and LUOTO, K.: Mediation and associative facilitation in neurotic, psychotic, and normal subjects. *Journal of Abnormal and Social Psychology*, 64:113-120, 1962.
- MH-3568 (R01) MCPHERSON, MARION W.: Diagnostic problems in children. Individual, Kalamazoo, Mich. (1960-63)
- MCPHERSON, MARION WHITE, POPPLESTONE, JOHN A., and EVANS, KATHERINE A.: Perceptual carelessness, drawing precision, and oral activity among normal six-year-olds. *Perceptual and Motor Skills*, 22(1):327-330, 1966.
- WUNDERLIN, ROBERT S., and MCPHERSON, MARION W.: Sensitivity to imbalance in normal and anoxic damaged children. *Journal of Clinical Psychology*, 18:410-413, 1962.
- MH-3569 (R01) HOLLINGSHEAD, AUGUST B., and MYERS, JEROME K.: Ten-year follow-up of psychiatric patients. Yale University, New Haven, Conn. (1960- )
- BEAN, L. L., MYERS, J. K., and PEPPER, M. P.: Social class and schizophrenia: A ten-year follow-up. In: Shostake, Arthur B., and Gomerg, William, eds. *Blue-collar world; Studies of the American worker*. Englewood Cliffs, N.J., Prentice-Hall, 1964, p. 381-391.
- MYERS, JEROME K., BEAN, LEE L., and PEPPER, MAX P.: Social class and mental illness: A ten-year follow-up of psychiatric patients. *Connecticut Medicine*, 28:355-357, 1964.
- MH-3570 (R01) BARSCH, RAY, and SILVERSTEIN, SAM: Handicapped child development and rearing practices. Jewish Vocational Service, Milwaukee, Wisc. (1960-63)
- BARSCH, RAY H.: Rearing practices of parents of children with cerebral palsy. I. Toilet training. *Cerebral Palsy Review*, 23(5):12-16, 1962.
- BARSCH, RAY H.: Child rearing practices. II. Sleep and bedtime behavior. *Cerebral Palsy Review*, 24(3):10-12, 1963.
- BARSCH, RAY H.: The handicapped ranking scale among parents of handicapped children. *American Journal of Public Health*, 54(9):1560-1567, 1964.
- COOK, JOHN J.: Dimensional analysis of child-rearing attitudes of parents of handicapped children. *American Journal of Mental Deficiency*, 68(3):354-361, 1963.
- COOK, JOHN J.: Family limitation subsequent to the birth of the cerebral palsied child. *Cerebral Palsy Review*, 24(3):8-9, 1963.
- COOK, JOHN J.: Acquiescence in the Parental Attitude Research Instrument (PARI), the California Psychological Inventory (CPI) and the interpersonal interview. *Ontario Psychological Association Quarterly*, Spring:8-18, 1963.
- MH-3571 (R01) STELLAR, ELIOT: Neurological mechanisms underlying behavior. University of Pennsylvania, Philadelphia, Pa. (1960- )
- CORBIT, JOHN D.: Hyperphagic hyperreactivity to adulteration of drinking water with quinine HCL. *Journal of Comparative and Physiological Psychology*, 60(1):123-124, 1965.
- CORBIT, JOHN D.: Effect of intravenous sodium chloride on drinking in the rat. *Journal of Comparative and Physiological Psychology*, 60(3):397-406, 1965.
- CORBIT, J. D., and STELLAR, E.: Palatability, food intake, and obesity in normal and hyperphagic rats. *Journal of Comparative and Physiological Psychology*, 58:63-67, 1964.
- EPSTEIN, A. N.: Reciprocal changes in feeding behavior produced by intrahypothalamic chemical injection. *American Journal of Physiology*, 199:969-974, 1960.
- EPSTEIN, A. N.: Water intake without the act of drinking. *Science*, 131:497-498, 1960.
- FLEXNER, J. B., FLEXNER, L. B., and STELLAR, E.: Memory in mice as affected by intracerebral puromycin. *Science*, 141:57-59, 1963.
- FLEXNER, J. B., FLEXNER, L. B., STELLAR, E., DE LA HABA, G., and ROBERTS, R. B.: Inhibition of protein synthesis in brain and learning and memory following puromycin. *Journal of Neurochemistry*, 9:595-605, 1962.
- GRAFF, H., and STELLAR, E.: Hyperphagia, obesity, and finickiness. *Journal of Comparative and Physiological Psychology*, 55:418-424, 1962.
- MEIKLE, T. H., SECHZER, J. A., and STELLAR, E.: Interhemispheric transfer of tactile conditioned responses in corpus callosum-sectioned cats. *Journal of Neurophysiology*, 25:530-543, 1962.

- with esophageal fistulas. *Journal of Comparative and Physiological Psychology*, 56:645-659, 1963.
- SECHZER, JERI A.: Successful interocular transfer of pattern discrimination in "split-brain" cats with shock-avoidance motivation. *Journal of Comparative and Physiological Psychology*, 58:76-83, 1964.
- SPRAGUE, J. M., CHAMBERS, W. W., and STELLAR, E.: Attentive, affective, and adaptive behavior in the cat. *Science*, 133:165-176, 1961.
- MH-3575 (R01) LEVENTHAL, HOWARD: Cognitive processes and interpersonal impressions. Yale University, New Haven, Conn. (1960-61)
- LEVENTHAL, H.: The effects of set and discrepancy on impression change. *Journal of Personality*, 30: 1-15, 1962.
- LEVENTHAL, H., and PERLOE, S. I.: A relationship between self-esteem and persuasibility. *Journal of Abnormal and Social Psychology*, 64:385-388, 1962.
- LEVENTHAL, HOWARD, and SINGER, DAVID L.: Cognitive complexity, impression formation and impression change. *Journal of Personality*, 32:210-226, 1964.
- MH-3578 (R01) STERRITT, GRAHAM M., and SMITH, MAURICE P.: Developmental study of chronic tube-fed fowl. University of Colorado Medical Center, Denver, Colo. (1959-63)
- SHRECK, P. K., STERRITT, G. M., SMITH, M. P., and STILSON, D. W.: Environmental factors in the development of eating in chicks. *Animal Behavior*, 11:306-309, 1963.
- STERRITT, GRAHAM M., and SMITH, MAURICE P.: Reinforcement effects of specific components of feeding in young leghorn chicks. *Journal of Comparative and Physiological Psychology*, 59(2): 171-175, 1965.
- STERRITT, G. M., and SMITH, M. P.: Feeding chick exclusively via implanted plastic fistulas. *Psychonomic Science*, 2(7):177-178, 1965. (Also acknowledges MH-2633).
- MH-3579 (R01) RICHTER, MELISSA L.: Behavior resulting from drives for specific nutrients. Vassar College, Poughkeepsie, N.Y. (1960-63)
- LEWIS, MELISSA: Behavior resulting from calcium deprivation in parathyroidectomized rats. *Journal of Comparative and Physiological Psychology*, 57 (3):348-352, 1964.
- MH-3581 (R01) ISCOE, IRA: Effect of conformity pressures on child judgments. University of Texas, Austin, Texas. (1960-64)
- ISCOE, IRA, WILLIAMS, MARTHA, and HARVEY, JERRY: Modifications of children's judgments by a simulated group technique: A normative developmental study. *Child Development*, 34:963-978, 1963.
- ISCOE, IRA, WILLIAMS, MARTHA, and HARVEY, JERRY: Age, intelligence, and sex as variables in the conformity behavior of Negro and White children. *Child Development*, 35:451-460, 1964.
- MH-3587 (R01) BROWN, FOUNTAINE C.: Tryptophan in brain function and mental disease. University of Tennessee, Memphis, Tenn. (1959-62)
- BROWN, F. CHRISTINE: Nicotinamide adenine dinucleotide levels in rat brain. *Canadian Journal of Biochemistry and Physiology*, 42:489-492, 1964.
- BROWN, F. CHRISTINE, and WHITE, JAMES B.: The reduction of ceruloplasmin by the Electron Transport System. *Journal of Biological Chemistry*, 236:911-914, 1961.
- BROWN, F. CHRISTINE, WHITE, J. B., JR., and KENNEDY, J. K.: Urinary excretion of tryptophan metabolites by schizophrenic individuals. *American Journal of Psychiatry*, 117:63-65, 1960.
- MH-3589 (R03) LEVINE, JACOB, and REDLICH, FREDERICK C.: Personality characteristics and humor. Yale University, New Haven, Conn. (1959-61)
- LEVINE, JACOB: Regression in primitive clowning. *Psychoanalytic Quarterly*, 30:72-82, 1961.
- LEVINE, JACOB: Humor and mental health. *Encyclopedia for Mental Health*, 3:786-799, 1963.
- MH-3591 (R01) KOBAYASHI, YUTAKA: Histamine metabolism by schizophrenic subjects. Worcester Foundation for Experimental Biology, Shrewsbury, Mass. (1960-64)
- KOBAYASHI, YUTAKA: Blood levels of diamine oxidase as a test for pregnancy. *Journal of Laboratory Clinical Medicine*, 62(4):699-702, 1963.
- KOBAYASHI, Y.: The effect of MAO-inhibitor drugs on plasma MAO activity. (Abstract) *Federation Proceedings*, 24(2)Part 1: 328, 1965.
- KOBAYASHI, YUTOKA, and FREEMAN, HARRY: Histamine metabolism by schizophrenic and normal subjects. *Journal of Neuropsychiatry*, 3(2):112-125, 1961.
- MH-3593 (R01) JUURMAA, JYRKI Y.: Ability structure of the blind and deaf. Institute of Occupational Health, Helsinki, Fin. (1960- )

- JUURMAA, JYRKI: On the ability structure of the deaf. *Jyväskylä Studies in Education, Psychology, and Social Research* (Finland), 4:1-114, 1963.
- JUURMAA, JYRKI: On the ability structure of the deaf. Kustantajat, Jyväskylä, Finland, Jyväskylän Yliopistoyhdistys and Jyväskylän kasvatustieteellinen korkeakoulu, 1963, 114 p.
- MH-3595 (R01) WECKROTH, JOHAN E.: Aptitude profile of brain injured patients. Institute of Occupational Health. Helsinki, Fin. (1960-61)
- PIHKANEN, T., and WECKROTH, J.: Correlation between intellectual performance and the severity of brain injury. *Acta Neurologica Scandinavica*, 38: 233-238, 1962.
- WECKROTH, JOHAN: On the relationship between severity of brain injury and the level and structure of intellectual performance. *Jyväskylä Studies in Education, Psychology and Social Research* (Finland), 12:5-105, 1965.
- WECKROTH, JOHAN: Psykometrisk och projektiv teknik vid personlighets-diagnostik. *Nordisk Psykologi* (Denmark), 17:61-136, 1965.
- WECKROTH, J., and PIHKANEN, T.: An evaluation of an unidimensional scale of the severity of brain injury on the basis of clinical findings. *Acta Neurologica Scandinavica*, 38:224-232, 1962.
- WECKROTH, JOHAN, PIHKANEN, T., MYLLYNIEMI, R., and SUONIO, K.: Figural reversals as indicators of brain injury. Helsinki, Finland, Institute of Occupational Health, Report Number 21, 1965, 24 p. (Processed).
- WECKROTH, J., PIHKANEN, T., and TIENARI, P.: A severity scale of brain injury. A cross-validation study. *Acta Neurologica Scandinavica*, 39: 67-68, 1963.
- MH-3597 (R03) HARLESTON, BERNARD W.: Effect of ability level on verbal learning. Tufts University, Medford, Mass. (1959-61)
- HARLESTON, BERNARD W.: Test anxiety and performance in problem solving situations. *Journal of Personality*, 30:557-573, 1962.
- HARLESTON, BERNARD W.: Task difficulty, anxiety level and ability level as factors affecting performance in a verbal learning situation. *Journal of Psychology*, 55:165-168, 1963.
- MH-3600 (R03) EPSTEIN, WILLIAM: The role of grammatical structure in learning. University of Kansas, Lawrence, Kan. (1959-60)
- EPSTEIN, WILLIAM: The influence of syntactical structure on learning. *American Journal of Psychology*, 74:80-85, 1961.
- EPSTEIN, WILLIAM: A further study of the influence of syntactical structure on learning. *American Journal of Psychology*, 75:121-126, 1962.
- EPSTEIN, WILLIAM: Backward association as a function as meaningfulness. *Journal of General Psychology*, 67:11-20, 1962.
- EPSTEIN, WILLIAM: Temporal schemata in syntactically structured material. *Journal of General Psychology*, 68:157-164, 1963.
- MH-3603 (R01) VAN BREHMEN, VERNE L.: Electron microscopy of effects of drugs on neurons. Mercy Institute of Biomedical Research, Denver, Colo. (1961-64)
- HIRAOKA, JUNICHI, and VAN BREHMEN, V. L.: Ultrastructure of the nucleolus and the nuclear envelope of spinal ganglion cells. *Journal of Comparative Neurology*, 121(1):69-88, 1963.
- MH-3607 (R01) FRENCH, ELIZABETH G., and LESSER, GERALD S.: Characteristics of the achievement motive in women. Hunter College of the City University of New York. New York, N.Y. (1959-62) (Continued as MH-7083).
- FRENCH, ELIZABETH G., and LESSER, GERALD S.: Some characteristics of the achievement motive in women. *Journal of Abnormal and Social Psychology*, 68:119-128, 1964.
- LESSER, G., KRAWITZ, R., and PACKARD, RITA: Experimental arousal of achievement motivation in adolescent girls. *Journal of Abnormal and Social Psychology*, 66:59-66, 1963. (Also acknowledges MH-7083).
- MH-3611 (R01) BIERI, JAMES: Individual, social and information effects on judgment. Columbia University, New York, N.Y. (1960-63)
- BIERI, J.: Analysing stimulus information in social judgments. In: Messick, S., and Ross, J., eds. *Measurement in personality and cognition*. New York, Wiley, 1962, p. 229-239.
- BIERI, J., ORCUTT, B. A., and LEAMAN, R.: Anchoring effects in sequential clinical judgments. *Journal of Abnormal and Social Psychology*, 67: 616-623, 1963.
- BRIAR, S., and BIERI, J.: A factor analytic and trait inference study of the Leary Interpersonal Checklist. *Journal of Clinical Psychology*, 19:193-198, 1963.
- MILLER, H., and BIERI, J.: An informational analysis of clinical judgment. *Journal of Abnormal and Social Psychology*, 67:317-325, 1963.
- TRIPODI, T., and BIERI, J.: Cognitive complexity as a function of own and provided constructs. *Psychological Reports*, 13:26, 1963.

- TRIPODI, TONE, and BIERI, JAMES: Information transmission in clinical judgments as a function of stimulus dimensionality and cognitive complexity. *Journal of Personality*, 32(1):119-137, 1964.
- MH-3612 (R01) AGNEW, JOHN N.: Performance as a function of drive level. University of Saskatchewan, Saskatoon, Can. (1960-64)
- AGNEW, N., and AGNEW, MARY: Drive level effects on tasks of narrow and broad attention. *Quarterly Journal of Experimental Psychology*, 15: 58-62, 1963.
- AGNEW, N. M., and PYKE, SANDRA: Attention-demand value of stimuli. *Perceptual and Motor Skills*, 16:843-846, 1963.
- AGNEW, N. M., PYKE, SANDRA, and PYLYSHYN, Z.: Information transfer in absolute judgment as a function of noxious stimulation and exposure time. *Perceptual and Motor Skills*, 15:779-782, 1962.
- COOKE, J., and AGNEW, N.: ATSAM—Automatic timing, switching, and memory device. *Perceptual and Motor Skills*, 12:43-46, 1961.
- PEZER, VERA R., and AGNEW, N. MCK: Drive by set interactions in a word recognition task. *Psychonomic Science*, 12(2):375-376, 1965.
- PYKE, SANDRA, and AGNEW, N. M.: Digit span performance as a function of noxious stimulation. (Abstract) *Journal of Consulting Psychology*, 27(3):281, 1963.
- PYLYSHYN, ZENON W.: Information available from two consecutive exposures of visual displays. *Canadian Journal of Psychology*, 19(2):133-144, 1965.
- PYLYSHYN, ZENON W.: The effect of a brief interpolated task on short-term retention. *Canadian Journal of Psychology*, 19(4):280-287, 1965.
- PYLYSHYN, Z., and AGNEW, N.: Absolute judgment of distance as a function of anxiety and exposure time. *Perceptual and Motor Skills*, 14: 411-418, 1962.
- PYLYSHYN, Z., and AGNEW, N. M.: The validity of anxiety and drive scales and their relation to global self-ratings. *Canadian Psychologist*, 4a:42-50, 1963.
- MH-3614 (R01) THOMAS, ALEXANDER: Primary reaction patterns in childhood. New York University Medical Center, New York, N.Y. (1960- )
- BIRCH, H. G., THOMAS, A., and CHESSE, S.: Behavioral development in brain-damaged children. Three case studies. *Archives of General Psychiatry*, 2:506-507, 1964.
- BIRCH, H. G., THOMAS, A., CHESSE, S., and HERTZIG, M.: Individuality in the development of children. *Developmental Medicine and Child Neurology*, 4: 370-379, 1962.
- CHESSE, S., HERTZIG, M., BIRCH, H. G., and THOMAS, A.: Methodology of a study of adaptive functions of the preschool child. *Journal of the American Academy of Child Psychiatry*, 1:236-245, 1962.
- CHESSE, S., THOMAS, A., BIRCH, H., and HERTZIG, M.: Implications of a longitudinal study of child development for child psychiatry. *American Journal of Psychiatry*, 117(5):434-441, 1960.
- CHESSE, S., THOMAS, A., RUTTER, M., and BIRCH, H. G.: Interaction of temperament and environment in the production of behavioral disturbances in children. *American Journal of Psychiatry*, 120: 142-148, 1963.
- ROBBINS, LILLIAN CUKIER: The accuracy of parental recall of aspects of child development and of child rearing practices. *Journal of Abnormal and Social Psychology*, 66(3):261-270, 1963.
- RUTTER, M., BIRCH, H. G., THOMAS, A., and CHESSE, S.: Temperamental characteristics in infancy and the later development of behavioural disorders. *British Journal of Psychiatry*, 110:651-661, 1964.
- RUTTER, M., KORN, S., and BIRCH, H. G.: Genetic and environmental factors in the development of primary reaction patterns. *British Journal of Clinical and Social Psychology*, 2:161-173, 1963.
- THOMAS, A., BIRCH, H. G., CHESSE, S., and HERTZIG, M. E.: The developmental dynamics of primary reaction characteristics in children. In: *Proceedings of the 3rd World Congress of Psychiatry*. Vol. 1. Montreal, University of Toronto Press/McGill University Press, 1961, p. 722-726.
- THOMAS, A., BIRCH, H. G., CHESSE, S., HERTZIG, M. E., and KORN, S.: Behavioral individuality in early childhood. New York, New York University Press, 1963.
- THOMAS, A., BIRCH, H. G., CHESSE, S., and ROBBINS, L.: Individuality in responses of children to similar environmental situations. *American Journal of Psychiatry*, 117(9):798-803, 1961.
- MH-3615 (R01) SEASHORE, STANLEY E.: Determinants of stress in large organizations. University of Michigan, Ann Arbor, Mich. (1960-62)
- INDIK, BERNARD P.: Relationship between job-related stress and strain in industrial workers. *Journal of Industrial Psychology*, 2(1):22-27, 1964.
- INDIK, BERNARD, SEASHORE, STANLEY E., and SLESINGER, JONATHAN: Demographic correlates of psychological strain. *Journal of Abnormal and Social Psychology*, 60:26-38, 1964.

- SLESINGER, JONATHAN, and HARBURG, ERNEST: Organizational stress: A force requiring management control. *Personnel Administration*, 27(3):3-5 and 35-39, 1964.
- MH-3616 (R01) RUTSCHMANN, JAKOB, and DILLON, DONALD J.: Development of tests sensitive to drug effects. New York State Psychiatric Institute. New York, N.Y. (1959- )
- CLARK, W. C., RUTSCHMANN, J., LINK, RUTH, and BROWN, JANE COURTEN: Comparison of flicker-fusion thresholds obtained by the methods of forced-choice and limits on psychiatric patients. *Perceptual and Motor Skills*, 16:19-30, 1963.
- DILLON, DONALD J.: The variation of choice reaction time among groups of hospitalized psychiatric patients. *Journal of Psychology*, 52:105-114, 1961. (Also acknowledges MH-872).
- DILLON, DONALD J.: The variation of flicker-fusion thresholds among groups of hospitalized psychiatric patients. *Journal of Psychology*, 51:351-360, 1961. (Also acknowledges MH-872).
- DILLON, DONALD J.: Length judgment in psychotic and control populations. *Perceptual and Motor Skills*, 13:335-341, 1961. (Also acknowledges MH-872).
- DILLON, DONALD J.: A test for patient-control differences with a modified version of the Mueller-Lyer illusion. *Perceptual and Motor Skills*, 13:391-397, 1961. (Also acknowledges MH-872).
- DILLON, DONALD J.: Measurement of perceived body size. *Perceptual and Motor Skills*, 14:191-196, 1962.
- DILLON, DONALD J.: Estimation of bodily dimensions. *Perceptual and Motor Skills*, 14:219-221, 1962.
- ROEHRIG, WILLIAM C.: Psychomotor task with perfect recall after fifty weeks of no practice. *Perceptual and Motor Skills*, 19:547-550, 1964. (Also acknowledges MH-872).
- ROEHRIG, W. C., and RUTSCHMANN, J.: Procedural considerations of the spiral aftereffect test. *Perceptual and Motor Skills*, 17:551-557, 1963.
- RUBINSTEIN, L.: Intersensory and intrasensory effects in simple reaction time. *Perceptual and Motor Skills*, 18:159-172, 1964.
- RUBINSTEIN, L.: Disjunctive reaction times within and between sense modes. *Perceptual and Motor Skills*, 18:405-408, 1964.
- RUTSCHMANN, J.: Oppel-Kundt illusion in normals and schizophrenic patients: An examination of the perceptual primitivization hypothesis. *Perceptual and Motor Skills*, 13:399-415, 1961. (Also acknowledges MH-872).
- RUTSCHMANN, J., and LINK, RUTH: Perception of temporal order of stimuli differing in sense mode and simple reaction time. *Perceptual and Motor Skills*, 18:345-352, 1964.
- RUTSCHMANN, RUTH: Perception of temporal order and relative visual latency. *Science*, 152(3725):1099-1101, 1966.
- MH-3617 (R01) GROSS, SONJA K.: Biogenesis of the alkaloids. Simmons College, Boston, Mass. (1960-62) (Continued as MH-7431).
- GROSS, SONJA, and DAWSON, R. F.: The biochemical transformation of the morphothebaine to the morphine ring system. *Biochemistry*, 2:186, 1963. (Also acknowledges MH-7431).
- MH-3619 (R03) DEMENT, WILLIAM C.: Sleep and dreaming following prolonged wakefulness. Mount Sinai Hospital, New York, N.Y. (1959-62)
- ROFFWARG, HOWARD P., MUZIO, JOSEPH N., and DEMENT, WILLIAM: Ontogenetic development of the human sleep-dream cycle. *Science*, 152(3722):604-619, 1966.
- MH-3620 (R01) SECORD, PAUL F., and BACKMAN, CARL W.: Interpersonal factors in behavioral stability. University of Nevada, Reno, Nev. (1960- )
- BACKMAN, C. W., and SECORD, P. F.: Liking, selective interaction, and misperception in congruent interpersonal relations. *Sociometry*, 25(4):321-335, 1962.
- BACKMAN, C. W., and SECORD, P. F.: The compromise process and the affect structure of groups. *Human Relations*, 17:19-22, 1964.
- SECORD, PAUL F., and BACKMAN, CARL W.: Interpersonal congruency, perceived similarity, and friendship. *Sociometry*, 27:115-127, 1964.
- SECORD, P. F., BACKMAN, C. W., and PEIRCE, J. R.: Resistance to change in the self concept as a function of consensus among significant others. *Sociometry*, 26(1):102-111, 1963.
- MH-3621 (R01) SAKODA, JAMES M.: Methods of utilizing a teaching machine. University of Connecticut, Storrs, Conn. (1960-62)
- SAKODA, JAMES M., and GREENWOOD, MICHAEL: Construction and use of an auto-instructional punchboard with IBM cards. *Psychological Reports*, 8:207-216, 1961.
- SAKODA, JAMES M., and WILLEY, CLARENCE F.: An IBM card punchboard. *Psychological Reports*, 8:20, 1961.
- MH-3634 (R01) FOX, HENRY M.: Psychophysiological identity. Harvard Medical School. Boston, Mass. (1960- )

- FOX, H. M., GIFFORD, S., and VALENSTEIN, A. F.: Psychophysiology of monozygotic male twins. *Archives of General Psychiatry*, 12(5):490-500, 1965.
- MH-3639 (R01) WHITE, SHELDON H.: Attentional processes in learning. University of Chicago, Chicago, Ill. (1960- )
- GRIM, PAUL F., and ANDERSON, ROGER A.: A system for recording the orienting reflex: A photoelectric plethysmograph and transistor amplifier. *American Journal of Psychology*, 78(4):672-676, 1965.
- GRIM, P. F., and WHITE, S. H.: Effects of stimulus change upon the GSR and reaction time. *Journal of Experimental Psychology*, 69(3):276-281, 1965.
- WHITE, S. H.: The effects of pretraining with varied stimuli on children's discrimination learning. *Child Development*, 32:745-753, 1961.
- WHITE, S. H.: Learning. In: Stevenson, H. W., ed. *Child psychology*. 62nd Yearbook of the National Society for the Study of Education, Part 1. Chicago, University of Chicago Press, 1963.
- WHITE, SHELDON H.: Discrimination learning with ever-changing positive and negative cues. *Journal of Experimental Child Psychology*, 2(2):154-162, 1965.
- MH-3642 (R01) PRELINGER, ERNST, LEVIN, MAX M., and ZIMET, CARL N.: Character structure and selected ego functions. Yale University, New Haven, Conn. (1960- )
- PRELINGER, ERNST, and ZIMET, CARL: An ego-psychological approach to character assessment. New York, Free Press of Glencoe, 1964.
- MH-3644 (R01) KLEE, GERALD D., and BESSMAN, SAMUEL P.: Psychochemical studies with serotonin and ammonia. University of Maryland, Baltimore, Md. (1960-62)
- EICHLER, MYRON, and BESSMAN, SAMUEL: A double-blind study of the effect of ammonium infusion on psychological functioning in cirrhotic patients. *Journal of Nervous and Mental Disease*, 134:539-542, 1962. (Also acknowledges MH-4867).
- MH-3647 (R01) SCHENKER, VICTOR J., and MARJERRISON, GORDON: Mao inhibition and antidepressant correlates. State University of New York—Downstate Medical Center, Brooklyn, N.Y. (1960-61)
- MARJERRISON, GORDON, FREEDMAN, NORBERT, and CUTLER, ROBERT: A structured interview method for psychiatric research. *Journal of Nervous and Mental Disease*, 135:346-353, 1962.
- SCHENKER, VICTOR J., MARJERRISON, GORDON, SCHLACHET, PETER, FREEDMAN, N., HANKOFF, L. D., and ENGELHARDT, D. M.: Monoamine oxidase inhibition and antidepressive correlates. Proceedings of the 3rd World Congress of Psychiatry. Vol. 1. Montreal, University of Toronto Press/McGill University Press, 1961, p. 642-649.
- MH-3648 (R01) DINSMOOR, JAMES A.: Screening test for tranquilizing compounds. Indiana University, Bloomington, Ind. (1960- )
- DINSMOOR, J. A., and LYON, D. O.: The selective action of chlorpromazine on behavior suppressed by punishment. *Psychopharmacologia*, 2:456-460, 1961.
- MH-3651 (R01) SCHAEFER, THEODORE, JR., and TOWNE, JACK C.: Emotionality, stress, and brain amine levels. University of Chicago, Chicago, Ill. (1959-62)
- SCHAEFER, T.: Early "experience" and its effects on later behavioral processes in rats. II. A critical factor in the early handling phenomenon. *Transactions of the New York Academy of Sciences*, 25(8):871-889, 1963. (Also acknowledges MH-1051).
- MH-3654 (R01) LUBORSKY, LESTER B.: Recovery of incidental and subliminal perceptions. University of Pennsylvania, Philadelphia, Pa. (1960- )
- LUBORSKY, L., BLINDER, B., and MACKWORTH, N.: Eye fixations and recall of pictures as a function of GSR responsivity. *Perceptual and Motor Skills*, 16(Monograph Suppl. No. 5):469-483, 1963.
- LUBORSKY, L., BLINDER, B., and MACKWORTH, N.: Eye fixation and the contents of recall and images as a function of heart rate. *Perceptual and Motor Skills*, 18:421-436, 1964.
- LUBORSKY, LESTER, BLINDER, BARTON, and SCHIMEK, JEAN: Looking, recalling, and GSR as a function of defense. *Journal of Abnormal Psychology*, 70(4):270-280, 1965.
- LUBORSKY, L. B., and SHEVRIN, H. S.: Forgetting of tachistoscopic exposures as a function of repression. *Perceptual and Motor Skills*, 14:189-190, 1962.
- SILVERMAN, L. H., and SILVERMAN, D. K.: A clinical-experimental approach to the study of subliminal stimulation: The effects of a drive-related stimulus upon Rorschach responses. *Journal of Abnormal and Social Psychology*, 69(2):158-172, 1964.
- MH-3655 (R01) ADER, ROBERT: Psychosomatic phenomena in animals. University of Rochester, Rochester, N.Y. (1960- )
- ADER, R.: Social factors affecting emotionality and resistance to disease in animals: III. Early wean-

- ing and susceptibility to gastric ulcers in the rat. A control for nutritional factors. *Journal of Comparative and Physiological Psychology*, 55: 600-602, 1962.
- ADER, R.: The basic variable in the early handling phenomenon. *Science*, 136:580-583, 1962.
- ADER, R.: Susceptibility to gastric lesions in the rat. *Journal of Neuropsychiatry*, 4:399-408, 1963. (Also acknowledges MH-750).
- ADER, R.: Plasma pepsinogen level in rat and man. *Psychosomatic Medicine*, 25:218-220, 1963.
- ADER, R.: Plasma pepsinogen level as a predictor of susceptibility to gastric erosions in the rat. *Psychosomatic Medicine*, 25:221-232, 1963.
- ADER, ROBERT: Gastric erosions in the rat: effects of immobilization at different points in the activity cycle. *Science*, 145:406-407, 1964.
- ADER, ROBERT: Effects of early experience and differential housing on behavior and susceptibility to gastric erosions in the rat. *Journal of Comparative and Physiological Psychology*, 60(2):233-238, 1965.
- ADER, R., BEELS, C. C., and TATUM, R.: Blood pepsinogen and gastric erosions in the rat. *Psychosomatic Medicine*, 22:1-13, 1960.
- ADER, R., and BELFER, M. L.: Emotional behavior in the rat as a function of maternal emotionality. *Psychological Reports*, 10:349-350, 1962.
- ADER, R., and BELFER, M. L.: Prenatal maternal anxiety and offspring emotionality in the rat. *Psychological Reports*, 10:711-718, 1962.
- ADER, R., and CONKLIN, P. M.: Handling of pregnant rats: Effects of emotionality of their offspring. *Science*, 142:411-412, 1963.
- ADER, ROBERT, and FRIEDMAN, STANFORD B.: Psychological factors and susceptibility to disease in animals. In: Medical aspects of stress in the military climate. Washington, D.C., Walter Reed Army Institute of Research, 1964, p. 457-470.
- ADER, R., and FRIEDMAN, S. B.: Social factors affecting emotionality and resistance to disease in animals: IV. Differential housing, emotionality, and Walker 256 carcinosarcoma in the rat. *Psychological Reports*, 15:535-541, 1964.
- ADER, ROBERT, and FRIEDMAN, STANFORD B.: Differential early experiences and susceptibility to transplanted tumor in the rat. *Journal of Comparative and Physiological Psychology*, 59(3):361-364, 1965.
- ADER, ROBERT B., and FRIEDMAN, STANFORD B.: Social factors affecting emotionality and resistance to disease in animals. *Psychosomatic Medicine*, 27(2):119-122, 1965.
- ADER, R., and HAHN, E. W.: Effects of social environment on mortality to whole body x-irradiation in the rat. *Psychological Reports*, 13:211-215, 1963.
- ADER, R., and HAHN, E. W.: Dominance and emotionality in the rat and their effects on mortality to whole-body x-irradiation. *Psychological Reports*, 13:617-618, 1963.
- ADER, R., KREUTNER, A. JR., and JACOBS, H. L.: Social environment, emotionality, and alloxan diabetes in the rat. *Psychosomatic Medicine*, 25:60-68, 1963.
- BRODIE, DAVID A., HANSON, HARLEY M., SINES, J. O., and ADER, ROBERT: Current research on gastric ulcers. *Journal of Neuropsychiatry*, 4(6): 388-408, 1963.
- FRIEDMAN, STANFORD B., and ADER, ROBERT: Parameters relevant to the experimental production of "stress" in the mouse. *Psychosomatic Medicine*, 27(1):27-30, 1965.
- FRIEDMAN, STANFORD B., ADER, ROBERT, and GLASGOW, LOWELL A.: Effects of psychological stress in adult mice inoculated with Cocksackie B viruses. *Psychosomatic Medicine*, 27(4):361-368, 1965.
- MH-3657 (R01) HELD, RICHARD M.: Development and maintenance of human coordination. Brandeis University, Waltham, Mass. (1960-63)
- HAYNES, H., WHITE, B. L., and HELD, R.: Visual accommodation in human infants. *Science*, 148 (3669):528-530, 1965.
- HEIN, A., and HELD, R.: A neural model for labile sensorimotor coordination. In: Biological prototypes and synthetic systems. Vol. 1. New York, Plenum Press, 1962, p. 71-74.
- HELD, R.: Adaptation to rearrangement and visual-spatial aftereffects. *Psychologische Beiträge*, 6: 439-450, 1962.
- HELD, RICHARD, and FREEDMAN, S. J.: Plasticity in human sensorimotor control. *Science*, 142:455-462, 1963.
- HELD, RICHARD, and MIKAELIAN, HARUTUNE: Motor-sensory feedback versus need in adaptation to rearrangement. *Perceptual and Motor Skills*, 18:685-688, 1964.
- HELD, R., and REKOSH, J.: Motor-sensory feedback and the geometry of visual space. *Science*, 141: 722-723, 1963.
- MIKAELIAN, HARUTUNE, and HELD, RICHARD: Two types of adaptation to an optically-rotated visual field. *American Journal of Psychology*, 77:257-263, 1964.
- WEENE, PAUL, and HELD, RICHARD: Changes in perceived size of angle as a function of orientation in the frontal plane. *Journal of Experimental Psychology*, 71(1):55-59, 1966.

- 1964.
- WHITE, B. L., CASTLE, P., and HELD, R.: Observations on the development of visually-directed reaching. *Child Development*, 34:349-364, 1964.
- MH-3658 (R01) MORANT, RICARDO B., and NRISSER, ULRIC: Basic processes underlying figural aftereffects. Brandeis University, Waltham, Mass. (1960- )
- MORANT, RICARDO B., and EFTATHIOU, AGLAIA: The archimedes spiral and diagnosis of brain damage. *Perceptual and Motor Skills*, 22(2):391-397, 1966.
- MORANT, RICARDO B., and HARRIS, JUDITH RICH: Two different after-effects of exposure to visual tilts. *American Journal of Psychology*, 78(2): 218-226, 1965.
- MORANT, RICARDO B., and MASLOW, ABRAHAM H.: Art judgment and the judgment of others: A preliminary study. *Journal of Clinical Psychology*, 21(4):389-391, 1965.
- MORANT, R. B., and MIKAELIAN, M.: Interfield tilt after-effects. *Perceptual and Motor Skills*, 10: 95-98, 1960.
- MORANT, R. B., and MISTOVICH, M.: Tilt after-effects between the vertical and horizontal axes. *Perceptual and Motor Skills*, 10:75-80, 1960.
- MORANT, R. B., and MISTOVICH, M.: Kinesthetic and inter-modal tilt after-effects. *Acta Psychologica*, 21:24-34, 1963.
- MH-3660 (R01) GLUSMAN, MURRAY: Basic aspects of hypothalamic rage. New York State Psychiatric Institute. New York, N.Y. (1960- )
- BURDOCK, E. I., GLUSMAN, M., and ZENER, J.: An animal behavior rating scale for quantification of savage behavior in cats. (Abstract) *Federation Proceedings*, 20(1)Part 1:327, 1961.
- GENTRY, T. A., and GLUSMAN, M.: Effect of hypothalamic stimulation on learning and memory in the cat. *Transactions of the American Neurological Association*, 88:217-218, 1963.
- GLUSMAN, M., and ROIZIN, L.: Aggressive behavior produced by electrical stimulation of the ventromedial nucleus of the hypothalamus in the cat. (Abstract) *Federation Proceedings*, 19(1)(Part 1):828, 1960.
- GLUSMAN, M., and ROIZIN, L.: Role of the hypothalamus in the organization of agonistic behavior in the cat. *Transactions of the American Neurological Association*, 85:177-181, 1960.
- GLUSMAN, MURRAY, WON, WILLIAM, BURDOCK, EUGENE I., and RANSOHOFF, JOSEPH: Effects of cat Association. Vol. 86. New York, Springer, 1961, p. 216-218. (Also acknowledges MH-3546).
- KELLY, D. D., and GLUSMAN, M.: Aversive thresholds for subcutaneous electrical stimulation in the cat. *Psychonomic Science*, 1:207-208, 1964.
- MH-3663 (R01) CLARK, WILLIAM C., GRIFFITH, WENDELL H., and PIERCE, JOHN G.: Psychopharm studies of adrenergic transmitters. University of California, Los Angeles, Calif. (1959- )
- AURES, D., and CLARK, W. G.: Inhibition of histidine decarboxylase of mouse mast cell tumor. (Abstract) *Biological Pharmacology*, 12(Suppl.): 40, 1963.
- AURES, D., HARTMAN, W. J., and CLARK, W. G.: Purification and properties of mast cell L-histidine decarboxylase. In: *Proceedings of the 22nd International Congress of Physiological Science*, Leiden, Holland, 1962, Vol. 2, Abstract 694.
- AURES, DOROTHEA, and NOLL, WALTER W.: Specific histidine decarboxylase from different mammalian tissues. (Abstract) *Federation Proceedings*, 25(2):691, 1966.
- AURES, DOROTHEA, WINQUIST, GOSTA, and HANSSON, ESKIL: Histamine formation in the blood and bone marrow of the guinea pig. *American Journal of Physiology*, 208(1):186-189, 1965.
- CLARK, W. G.: Amine content and biosynthesis in mastocytomas and octopus salivary glands. (Abstract) *Federation Proceedings*, 19(1):10, 1960.
- CLARK, W. G.: Inhibition of amino acids decarboxylase. In: Hochster, R. M., and Quastel, J. H., eds. *Metabolic inhibitors*. Vol. 1. New York, Academic Press, 1963, p. 315-381.
- CLARK, W. G., HARTMAN, W. J., LIEBHOLD, R. A., JORDON, A. R., and CYR, S. D.: Some aspects of the biochemical pharmacology of the octopus. *Proceedings Western Pharmacology Society*, 3: 106-122, 1960.
- CLARK, W. G., and POGRUND, R. S.: Inhibition of dopa decarboxylase in vitro. *Circulation Research*, 9:721-733, 1961.
- FLEMING, ROBERT M., CLARK, WILLIAM G., FENSTER, ERIC D., and TOWNE, JACK C.: Single extraction method for the simultaneous fluorometric determination of serotonin, dopamine, and norepinephrine in brain. *Analytical Chemistry*, 37: 692-696, 1965.
- FLEMING, R. M., MASUOKA, D. T., and CLARK, W. G.: Effect of fasting and refeeding on brain amines. (Abstract) *Federation Proceedings*, 24 (2)Part 1:265, 1965.



- GRIESEMER, E. C., and GASNER, L. T.: Altered Dopa antagonism of reserpine hypothermia by  $\alpha$ -methyl Dopa. (Abstract) *Federation Proceedings*, 21:269, 1962.
- GRIESEMER, E. C., GASNER, L. T., and CLARK, W. G.: Antagonism of reserpine hypothermia in mice by 3,4-dihydroxyphenylalanine. *Proceedings of the Western Society for Clinical Research*, 5:7, 1962. Also in: *Clinical Research*, 10:125, 1963. (Abstract).
- HANSSON, E., and CLARK, W. G.: Studies on dopa decarboxylase inhibitors in vivo by use of  $C^{14}$ -carboxy-labeled dopa. *Proceedings of the Society for Experimental Biology and Medicine*, 111:793-798, 1962.
- HANSSON, E., and CLARK, W. G.: Further studies on aromatic amino acid decarboxylase inhibitors in vivo. (Abstract) *Biochemical Pharmacology*, 12:203, 1963.
- HARTMAN, W. J., CLARK, W. G., and CYR, S. D.: Histidine decarboxylase activity of basophils from chronic myelogenous leukemic patients. Contribution on the origin of blood histamine. *Proceedings of the Society for Experimental Biology and Medicine*, 107:123, 1961.
- HARTMAN, W. J., CLARK, W. G., CYR, S. D., JORDON, A. L., and LIEBHOLD, R. A.: Pharmacologically active amines and their biogenesis in the octopus. *Annals of the New York Academy of Sciences*, 90:637-666, 1960.
- MASUOKA, D. T., CLARK, W. G., and SCHOTT, H. F.: Biosynthesis of catecholamines by rat brain tissue *in vitro*. *Revue Canadienne de Biologie*, 20:1-6, 1961.
- MASUOKA, D. T., DRELL, W., SCHOTT, H. F., ALCARAZ, A. F., and JAMES, F. C.: The separation of catecholamines and their metabolites. *Analytical Biochemistry*, 5:426-432, 1963.
- MASUOKA, D. T., SCHOTT, H. F., and PETRIELLO, L.: Formation of catecholamines by various areas of cat brain. *Journal of Pharmacology and Experimental Therapeutics*, 139(1):73-76, 1963.
- POGRUND, R. S., DRELL, W., and CLARK, W. G.: Metabolism of 3-hydroxy and 3,4-dihydroxyphenylpyruvic acids *in vivo*. *Journal of Pharmacology and Experimental Therapy*, 131:194-307, 1961.
- MH-3666 (R01) SACKS, WILLIAM: Cerebral metabolism of neurohormonal precursors. Rockland State Hospital, Orangeburg, N.Y. (1960- )
- SACKS, WILLIAM: A cerebral decarboxylase for 5-hydroxytryptophan in humans. *Journal of Applied Physiology*, 16:1050-1054, 1961.
- SACKS, WILLIAM: Phenylalanine metabolism in control subjects, mental patients, and phenylketonurics. *Journal of Applied Physiology*, 17:985-992, 1962.
- SACKS, WILLIAM: Cerebral metabolism "in vivo" in mental patients. (Abstract) In: Sissakian, N. M., ed. *Fifth International Congress of Biochemistry*, Moscow, 1961. Vol. 9. New York, Macmillan, 1963, p. 279.
- SACKS, WILLIAM: The cerebral metabolism of doubly-labeled glucose in humans *in vivo*. *Journal of Applied Physiology*, 20(1):117-130, 1965.
- MH-3670 (R10) HOLT, ROBERT R., and KLEIN, GEORGE S.: Psychotomimetic agents and primary process thinking. New York University, New York, N.Y. (1959-62)
- GOLDBERG, L., and HOLT, R. R.: Studies on the effects of perceptual alteration. In: USAF ASD Technical Report 61-416, 1961, p. 1-19.
- HOLT, R. R.: Imagery: The return of the ostracized. *American Psychologist*, 19:254-264, 1964.
- HOLT, R. R., and GOLDBERGER, L.: Research on the effects of isolation on cognitive functioning. In: USAF WADC Technical Report, 1960, p. 1-22. (No. 60-260).
- KLEIN, G. S.: On inhibition, disinhibition, and "primary process" in thinking. In: Nielsen, G., ed. *Proceedings of the 14th International Congress of Applied Psychology*. Vol. 4. Clinical psychology. Copenhagen, Munksgaard, 1962, p. 179-198.
- LINTON, HARRIET B., and LANGS, R.: Subjective reactions to lysergic acid diethylamide (LSD-25) as measured by a questionnaire. *A. M. A. Archives of General Psychiatry*, 6:352-368, 1962.
- LINTON, HARRIET B., and LANGS, R. J.: Placebo reactions in a study of lysergic acid (LSD-25). *A. M. A. Archives of General Psychiatry*, 6:369-383, 1962.
- LINTON, HARRIET B., and LANGS, R. J.: Empirical dimensions of the LSD-25 reactions. *A. M. A. Archives of General Psychiatry*, 10:469-485, 1964.
- LINTON, HARRIET B., LANGS, R. J., and PAUL, I. H.: Retrospective alterations of LSD-25 experience. *Journal of Nervous and Mental Disease*, 138(5): 409-423, 1964.
- PAUL, IRVING H., LANGS, ROBERT J., and BARR, HARRIET LINTON: Individual differences in the recall of a drug experience. *Journal of Nervous and Mental Disease*, 140(2):122-145, 1965. (Also acknowledges MH-4244).
- MH-3672 (R01) GROSS, MARTIN, and HITCHMAN, IRENE L.: Clinical research on psychopharmacological drugs. Springfield State Hospital, Sykesville, Md. (1960- )
- CLEMENT, DAVID E.: Note on visual perception in schizophrenic SS1. *Perceptual and Motor Skills*, 21(2):385-386, 1965.

- physiological tests during withdrawal from narcotic drugs. *Journal of Nervous and Mental Diseases*, 137(6):574-576, 1963. (Also acknowledges MH-2147).
- GROSS, MARTIN, HITCHMAN, IRENE L., REEVES, WALTER P., LAWRENCE, JORDAN, NEWELL, PAULINE C., and CLYDE, DEAN J.: Objective evaluation of psychotic patients under drug therapy: A symptom and adjustment index. *Journal of Nervous and Mental Diseases*, 133(5):399-409, 1961. (Also acknowledges MH-2147).
- HOEHN-SARIC, RUDOLF, BACON, EUGENIA FAYE, and GROSS, MARTIN: Effects of chlorpromazine on flicker fusion. *Journal of Nervous and Mental Disease*, 138:287-292, 1964.
- HOEHN-SARIC, RUDOLF, GROSS, MARTIN, and WOLFF, FREDERICK W.: Carbohydrate disturbances in mental hospital patients—with observations on the effects of azacyclonol. *Journal of Chronic Diseases*, 17:91-100, 1964.
- HOGARTY, GERARD E., and GROSS, MARTIN: Pre-admission symptom differences between first-admitted schizophrenics in the predrug and post-drug era. *Comprehensive Psychiatry*, 7(2):134-140, 1966. (Also acknowledges MH-4661).
- MCQUILLEN, MICHAEL P., GROSS, MARTIN, and JOHNS, RICHARD J.: Chlorpromazine-induced weakness in Myasthenia Gravis. *Archives of Neurology*, 8:286-290, 1963.
- MONROE, RUSSELL R., and WISE, SAMUEL P., III: Combined phenothiazine, chlordiazepoxide and primidone therapy for uncontrolled psychotic patients. *American Journal of Psychiatry*, 122(6):694-698, 1965. (Also acknowledges MH-4137).
- MH-3673 (R01) KELLER, FRED S., BERRYMAN, ROBERT, and CUMMING, WILLIAM W.: Effect of psychotropic drugs on sensory processes. Columbia University, New York, N.Y. (1959-64)
- BERRYMAN, ROBERT, CUMMING, WILLIAM W., COHEN, LEILA R., and JOHNSON, DANIEL F.: Acquisition and transfer of simultaneous oddity. *Psychological Reports*, 17(3):767-775, 1965.
- BERRYMAN, R., CUMMING, W. W., and NEVIN, J. A.: Acquisition of delayed matching in the pigeon. *Journal of the Experimental Analysis of Behavior*, 6:101-107, 1963.
- BERRYMAN, R., CUMMING, W. W., NEVIN, J. A., and JARVIK, M. E.: Effects of sodium pentobarbital on complex operant discriminations. *Psychopharmacologia*, 6:388-398, 1964.
- BERRYMAN, R., JARVIK, M. E., and NEVIN, J. A.: Effects of pentobarbital, lysergic acid diethylamide, schedules of reinforcement. *Journal of the Experimental Analysis of Behavior*, 5:213-223, 1962. (Also acknowledges MH-1421).
- CUMMING, W. W., and BERRYMAN, R.: Some data on matching behavior in the pigeon. *Journal of the Experimental Analysis of Behavior*, 3:281-284, 1961.
- CUMMING, WILLIAM W., and BERRYMAN, ROBERT: The complex discriminated operant: Studies of matching-to-sample and related problems. In: Mostofsky, David I., ed. *Stimulus generalization*. Stanford, Calif., Stanford University Press, 1965, p. 284-330.
- CUMMING, WILLIAM W., BERRYMAN, ROBERT, and COHEN, LEILA R.: Acquisition and transfer of zero-delay matching. *Psychological Reports*, 17(2):435-445, 1965.
- CUMMING, WILLIAM W., BERRYMAN, ROBERT, and NEVIN, JOHN A.: Search for an effect of satiation on delayed matching-to-sample performance. *Psychological Reports*, 16(2):645-652, 1965.
- KAUFMAN, A.: Effects of punishment intensity on human operant behavior. *Psychological Reports*, 15:287-294, 1964. (Also acknowledges MH-2961).
- KAUFMAN, ARNOLD: Punishment shock intensity and basal skin resistance. *Journal of the Experimental Analysis of Behavior*, 8(6):389-394, 1965. (Also acknowledges MH-2961).
- NEVIN, J. A.: Two parameters of conditioned reinforcement in a chaining situation. *Journal of Comparative and Physiological Psychology*, 58(3):367-373, 1964.
- NEVIN, J. A., and BERRYMAN, R.: A note on chaining and temporal discrimination. *Journal of the Experimental Analysis of Behavior*, 6:109-113, 1963.
- NEVIN, J. A., CUMMING, W. W., and BERRYMAN, R.: Ratio reinforcement of matching behavior. *Journal of the Experimental Analysis of Behavior*, 6:147-154, 1963.
- MH-3674 (R10) FRIEDMAN, ALFRED S.: Vigilance, sedation threshold, tofranil and depression. Philadelphia Psychiatric Hospital, Philadelphia, Pa. (1960- )
- FRIEDMAN, A. S.: Thematic analysis methods in diagnosis. In: Nodine, John H., and Moyer, John H., eds. *The First Hahnemann Symposium on Psychosomatic Medicine*. Philadelphia, Lea & Febiger, 1962, p. 61-64.
- FRIEDMAN, ALFRED S.: A comparative analysis of psychotic depressives with matched normals on

- some untimed verbal intelligence tests. *Journal of Consulting Psychology*, 27(5):439-443, 1963.
- FRIEDMAN, A. S.: Minimal effects of severe depression on cognitive functioning. *Journal of Abnormal and Social Psychology*, 69:237-243, 1964.
- FRIEDMAN, A. S., and GRANICK, S.: A note on anger and aggression in old age. *Journal of Gerontology*, 18(3):283-285, 1963.
- GRANICK, SAMUEL: Comparative analysis of psychotic depressives with matched normals on some untimed verbal intelligence tests. *Journal of Consulting Psychology*, 27(5):439-443, 1963.
- MH-3684 (R01) STUNKARD, ALBERT J.: Clinical and experimental studies of human obesity. University of Pennsylvania, Philadelphia, Pa. (1960- )
- ASTRAND, P., ASTRAND, IRMA, and STUNKARD, A.: Oxygen intake of obese individuals during work on a bicycle ergometer. *Acta Physiologica Scandinavica*, 50:294-299, 1960.
- BROBECK, J., WINEGRAD, A., FEINSTEIN, A., and STUNKARD, A.: Obesity. *American Practitioner and Digest of Treatment*, 12:543, 1961.
- BURT, VICTOR, and STUNKARD, ALBERT: Body weight and Achilles reflex time. *Annals of Internal Medicine*, 60(5):900-902, 1964.
- CHIRICO, ANNA M., and STUNKARD, A. J.: Physical activity and human obesity. *New England Journal of Medicine*, 263:935-940, 1960.
- GRIGGS, R. C., and STUNKARD, A.: The interpretation of gastric motility. II. Sensitivity and bias in the perception of gastric motility. *Archives of General Psychiatry*, 11:82-89, 1964.
- KOCH, C. R., and STUNKARD, A.: Obesity, age, and gastric "hunger" contractions. *Journal of Applied Physiology*, 15:133-134, 1960.
- KOCH, C., and STUNKARD, A.: The interpretation of gastric motility. I. Apparent bias in the reports of hunger by obese persons. *Archives of General Psychiatry*, 11:74-82, 1964.
- LINKER, E., MOORE, MARY E., and GALANTER, E.: Taste thresholds, detection models, and disparate results. *Journal of Experimental Psychology*, 67: 59-66, 1964.
- MENDELSON, M.: The treatment of obesity. *Psychosomatics*, 1:158-160, 1960.
- MENDELSON, M.: Deviant patterns of feeding behavior in man. *Federation Proceedings*, 23:69-72, 1964.
- MENDELSON, MYER: Psychological aspects of obesity. *Medical Clinics of North America*, 48(5): 1373-1385, 1964.
- MENDELSON, M., WHINBERG, N., and STUNKARD, A.: Obesity in men: a clinical study of 25 cases. *Annals of Internal Medicine*, 54:660-671, 1961.
- MOORE, M. E., LINKER, E., and PURCELL, M.: Taste-sensitivity after eating: A signal-detection approach. *American Journal of Psychology*, 78 (1):107-111, 1965.
- MOORE, MARY E., STUNKARD, A., and SROLE, L.: Obesity, social class and mental illness. *Journal of the American Medical Association*, 181:962-966, 1962.
- SEED, J., ACTON, F., and STUNKARD, A.: Improvement of the intravenous glucose tolerance test. *Nature*, 186:808, 1960.
- SEED, J., ACTON, F., and STUNKARD, A.: A model for the appraisal of glucose metabolism. *Clinical Pharmacology and Therapeutics*, 3:191-215, 1962.
- STUNKARD, A. J.: A method of studying physical activity in man. *American Journal of Clinical Nutrition*, 8:595-601, 1960.
- STUNKARD, A. J.: Hunger and satiety. *American Journal of Psychiatry*, 118:212-217, 1961.
- STUNKARD, A. J.: Psychological tests and medical prognosis. *Annals of Internal Medicine*, 56(3): 524-526, 1962.
- STUNKARD, A. J.: Research on a disease: Strategies in the study of obesity. In: Rössler, R., and Greenfield, N. S., eds. *Physiological correlates of psychological disorders*. Madison, Wisconsin, University of Wisconsin, 1962, p. 211-220.
- STUNKARD, A. J.: Obesity. In: Deutsch, Albert, ed. *Encyclopedia of mental health*. Franklin Watts, 1963, p. 1372-1484.
- STUNKARD, A. J., CLOVIS, W., and FREE, S. M.: Skin temperature after eating: Evidence bearing upon a thermostatic control of food intake. *American Journal of Medical Sciences*, 244(5): 622-626, 1962.
- STUNKARD, A., and KOCH, C.: The interpretation of gastric motility. I. *Archives of General Psychiatry*, 11:74-82, 1964.
- STUNKARD, A. J., and MENDELSON, M.: Disturbances in the body image of some obese persons. *Journal of the American Dietetic Association*, 38: 328-331, 1961.
- STUNKARD, A. J., and PRESTKA, JOAN: The physical activity of obese girls. *American Journal of Diseases of Children*, 103:812-817, 1962.
- WEINBERG, N., MENDELSON, M., and STUNKARD, A.: A failure to find distinctive personality features in a group of obese men. *American Journal of Psychiatry*, 117(11):1035-1037, 1961.

- MH-3689 (R01) MANNERING, GILBERT J.: Antagonism of narcotic effects and N-demethylation. University of Wisconsin, Madison, Wisc. (1960-62) (Continued as MH-7541).
- RUBIN, A., CHERNOV, H. I., MILLER, J. W., and MANNERING, G. J.: Antagonism of morphine-induced respiratory depression and analgesia and inhibition of narcotic N-demethylation *in vitro* by N-substituted analogues of L-3-hydroxymorphinan and by N-allyl-normorphine. *Journal of Pharmacology and Experimental Therapeutics*, 144:346-353, 1964. (Also acknowledges MH-7541).
- RUBIN, ALAN, TEPHLY, THOMAS R., and MANNERING, GILBERT J.: Kinetics of drug metabolism by hepatic microsomes. *Biochemical Pharmacology*, 13:1007-1016, 1964. (Also acknowledges MH-7541).
- RUBIN, ALAN, TEPHLY, THOMAS R., and MANNERING, GILBERT J.: Inhibition of hexobarbital metabolism by ethylmorphine and codeine in the intact rat. *Biochemical Pharmacology*, 13:1053-1057, 1964. (Also acknowledges MH-7541).
- MH-3690 (R01) NOVAL, JOSEPH J., SOHLER, ARTHUR, and TOBIN, JOSEPH M.: Adrenalin-derived indoles—metabolism and physiology. New Jersey Bureau of Research in Neurology and Psychiatry, Princeton, N.J. (1959-65)
- ADAMS, W. C., WAN, LILLIAN, and SOHLER, A.: Effect of melatonin on anterior pituitary luteinizing hormone. *Journal of Endocrinology* (Great Britain), 31:295-296, 1965.
- NOVAL, J. J., SOHLER, A., STACKHOUSE, S. P., and BRYAN, A.: Metabolism of adrenochrome in experimental animals. *Biochemical Pharmacology*, 11:467-473, 1962.
- SOHLER, A., NOVAL, J., and RENZ, R.: 6-Hydroxy-skatole sulfate excretion in schizophrenia. *Journal of Nervous and Mental Disease*, 137:591-596, 1963.
- MH-3692 (R01) CORNISH, HERBERT H.: Toxicity and metabolism of di- and triphenylmethanes. University of Michigan, Ann Arbor, Mich. (1960- )
- CORNISH, H., BAHOR, R., and RYAN, R.: Toxicity and metabolism of orthometa-, and para-terphenyls. *American Industrial Hygiene Association*, 23:372-378, 1962.
- CORNISH, HERBERT H., and RYAN, RICHARD C.: Metabolism of benzene in nonfasted, fasted, and arylhydroxylase inhibited rats. *Toxicology and Applied Pharmacology*, 7(6):767-771, 1965.
- CORNISH, H. H., ZAMORA, E., and BAHOR, R. E.: Metabolism of triphenylmethane and triphenylcarbinol. *Archives of Biochemistry and Biophysics*, 107:319-324, 1964.
- MH-3693 (R10) PLOTNIKOFF, NICHOLAS P.: Neuroparmacology of audiogenic seizures. Stanford Research Institute, Menlo Park, Calif. (1960-63)
- PLOTNIKOFF, N.: A neuropharmacological study of escape from audiogenic seizures. *Colloques Internationaux Du Centre National De La Recherche Scientifique*. No. 112. *Psychophysiologie Neuroparmacologie Et Biochimie De La Crise Audiogene*, Gif-Sur-Yvette 6 Au 9 Nov. 1961, p. 429-446.
- PLOTNIKOFF, N.: Drug resistance due to inbreeding. *Science*, 134:1881-1882, 1961.
- PLOTNIKOFF, N.: Effect of psychoactive drugs on escape from audiogenic seizures. *Arch. Int. Pharmacodyn.*, 145(3-4):413-420, 1963.
- PLOTNIKOFF, N.: Effect of neurotropic drugs on a non-conditioned avoidance response. *Archives Internationales de Pharmacodynamie et de Therapie*, 145(3-4):430-439, 1963.
- PLOTNIKOFF, N., and FITZLOFF, J.: Effect of stimulants on isolated rats. *Archives Internationales de Pharmacodynamie et de Therapie*, 145(3-4):421-429, 1963.
- PLOTNIKOFF, N., HUANG, J., and HAVENS, P.: Effect of monoamine oxidase inhibitors on audiogenic seizures. *Journal of Pharmaceutical Sciences*, 52:172-173, 1963.
- MH-3694 (R01) DAVISON, CLARK B., and SMITH, PAUL K.: Protein binding of drugs. George Washington University, Washington, D.C. (1960-64)
- DAVISON, C., and SMITH, P. K.: The binding of salicylic acid and related substances to purified proteins. *Journal of Pharmacology and Experimental Therapeutics*, 133:161-170, 1961.
- MH-3699 (R01) WAISMAN, HARRY A., and BROWN, RAYMOND R.: Amino acid metabolism in the mentally retarded. University of Wisconsin, Madison, Wisc. (1960-61)
- BERMAN, PHYLLIS W., GRAHAM, FRANCES K., EICHMAN, PETER L., and WAISMAN, HARRY A.: Psychologic and neurologic status of diet-treated phenylketonuric children and their siblings. *Pediatrics*, 28(6):924-934, 1961. (Also acknowledges MH-2730).
- WAISMAN, HARRY: Excretion of 3,4-dihydroxyphenylalanine in urine. *Biochimica et Biophysica Acta*, 53:603-605, 1961.
- WAISMAN, HARRY: Phenylalanine tolerance tests in patients with leukemia. *Journal of Laboratory and Clinical Medicine*, 57:73-77, 1961.
- WAISMAN, HARRY: Urinary excretion of 3,4-dihydroxyphenylalanine (DOPA) in two children of

- short stature with malnutrition. *Journal of Pediatrics*, 62(2):208-216, 1963.
- WATSMAN, HARRY: The experimental approach. In: Lyman, Frank L., ed. *Phenylketonuria*. Springfield, Ill., Charles C. Thomas, 1963, p. 265-275.
- WANG, H. L., HARWALKAR, V. H., and WATSMAN, H. A.: Effect of dietary phenylalanine and tryptophan on brain serotonin. *Archives of Biochemistry and Biophysics*, 97(1):181-184, 1962. (Also acknowledges MH-2730 and MH-5048).
- WANG, HWA L., MORTON, N. E., and WATSMAN, HARRY A.: Increased reliability for the determination of the carrier state in phenylketonuria. *American Journal of Human Genetics*, 13(2):255-261, 1961. (Also acknowledges MH-2730).
- MH-3700 (R01) KANFER, FREDERICK H.: Studies of verbal interaction. Purdue University, Lafayette, Ind. (1960-62) (Continued as MH-6922).
- KANFER, F. H.: Comments on learning in psychotherapy. *Psychological Reports*, 9:681-699, 1961.
- KANFER, FREDERICK H.: Control of communication in dyads by reinforcement. *Psychological Reports*, 15:131-138, 1964. (Also acknowledges MH-6922).
- KANFER, F. H., BASS, B. M., and GUYETTE, I.: Dyadic speech patterns, personality, and social reinforcement. *Journal of Consulting Psychology*, 27:199-205, 1963. (Also acknowledges MH-6922).
- KANFER, F. H., and MCBREARTY, J. F.: Minimal social reinforcement and interview content. *Journal of Clinical Psychology*, 18:210-215, 1962. (Also acknowledges MH-6922).
- KANFER, F. H., and MARSTON, A. R.: Verbal conditioning, ambiguity and psychotherapy. *Psychological Reports*, 9:461-475, 1961.
- KANFER, F. H., and MARSTON, A. R.: The effect of task-relevant information on verbal conditioning. *Journal of Psychology*, 53:29-36, 1962. (Also acknowledges MH-6922).
- KANFER, F. H., and MARSTON, A. R.: Control of verbal behavior by multiple schedules. *Psychological Reports*, 10:703-710, 1962. (Also acknowledges MH-6922).
- KANFER, F. H., and MARSTON, A. R.: Human reinforcement: Vicarious and direct. *Journal of Experimental Psychology*, 65:292-296, 1963. (Also acknowledges MH-6922).
- MARSTON, A. R., and KANFER, F. H.: Group size and number of vicarious reinforcements in verbal learning. *Journal of Experimental Psychology*, 65:593-596, 1963. (Also acknowledges MH-6922).
- MARSTON, A. R., KANFER, F. H., and MCBREARTY, J. F.: Stimulus discriminability in verbal conditioning. *Journal of Psychology*, 53:143-153, 1962. (Also acknowledges MH-6922).
- MH-3701 (R01) GALLANT, DONALD M., BUDINGTON, RALPH WELLS, and HEATH, ROBERT GALBRAITH: Clinical evaluation of new chemotherapeutic agents. Tulane University, New Orleans, La. (1960- )
- BISHOP, M. P., BUDINGTON, R. W., SILVA, F. A., and ROBINSON, W. G.: A comparison of SKF-7261 and trifluoperazine (Stelazine) in the treatment of chronic schizophrenic patients. *Journal of Neuropsychiatry*, 5:28-32, 1963.
- BISHOP, M. P., and GALLANT, D. M.: Behavioral toxicity associated with benzquinamide (Quantril) therapy in schizophrenic patients. *American Journal of Psychiatry*, 120:180-181, 1963.
- BISHOP, M. P., and GALLANT, D. M.: Trifluoperidol in "paranoid" and "non-paranoid" schizophrenics. *Current Therapeutic Research*, 7(2):96-101, 1965.
- BISHOP, M. P., and GALLANT, D. M.: Observations of placebo response in chronic schizophrenic patients. *Archives of General Psychiatry*, 14(5):497-503, 1966.
- BISHOP, M. P., GALLANT, D. M., NESSELHOF, W., and SPREHE, D. J.: A controlled evaluation of butaperazine in chronic schizophrenic patients. *Diseases of the Nervous System*, 25:674-683, 1964.
- BISHOP, M. P., GALLANT, D. M., and STEELE, C. A.: A controlled evaluation of benzquinamide: Behavioral toxicity with high dosage levels. *Current Therapeutic Research*, 5:238-244, 1963.
- BISHOP, M. P., GALLANT, D. M., and SYKES, T. F.: Extrapyramidal side effects and therapeutic response. *Archives of General Psychiatry*, 13(2):155-162, 1965.
- GALLANT, D. M., and BISHOP, M. P.: Transient granulocytopenia associated with administration of a new thioridazine derivative: TPS-23. *American Journal of Psychiatry*, 122(1):102-103, 1965.
- GALLANT, D. M., BISHOP, M. P., and BENITEZ, D.: A study of activity in outpatients. *Current Therapeutic Research*, 6:71-72, 1964.
- GALLANT, D. M., BISHOP, M. P., NESSELHOF, W., and FULMER, T. E.: JB-8181: Antidepressant activity in outpatients. *Current Therapeutic Research*, 6:69-70, 1964.
- GALLANT, D. M., BISHOP, M. P., and SCHUCHS, V.: A clinical trial of an oral hypoglycemic agent in chronic schizophrenic patients. *Current Therapeutic Research*, 5:628-629, 1963.

- GALLANT, D. M., BISHOP, M. P., and SHELTON, W.: SKF-10,812: A thioxanthene derivative. *Current Therapeutic Research*, 7(7):415-416, 1965.
- GALLANT, D. M., BISHOP, M. P., and SPREHE, D.: TPS-23: A new thioridazine derivative. *Current Therapeutic Research*, 7(2):102-104, 1965.
- GALLANT, D. M., BISHOP, M. P., and STEELE, C. A.: A controlled evaluation of trimethoxycinnamide. *Current Therapeutic Research*, 5:598-599, 1963.
- GALLANT, D. M., BISHOP, M. P., STEELE, C. A., and NOBLIN, C.: The relationship between serotonin antagonism and tranquilizing activity. *American Journal of Psychiatry*, 119:882, 1963.
- GALLANT, D. M., BISHOP, M. P., STEELE, C. A., and NOBLIN, C. A.: Anti-serotonin activity and clinical tranquilization. *Journal of Neuropsychiatry*, 5:273-278, 1964.
- GALLANT, D. M., BISHOP, M. P., TIMMONS, E., and STEELE, C. A.: Trifluoperidol: A butyrophenone derivative. *American Journal of Psychiatry*, 120:485-487, 1963.
- GALLANT, D. M., BISHOP, M. P., TIMMONS, E., and STEELE, C. A.: A controlled evaluation of trifluoperidol: A new potent psychopharmacologic agent. *Current Therapeutic Research*, 5:463-471, 1963.
- GALLANT, D. M., EDWARDS, C. G., BISHOP, M. P., and GALBRAITH, G. C.: Withdrawal symptoms after abrupt cessation of antipsychotic compounds: Clinical confirmation in chronic schizophrenics. *American Journal of Psychiatry*, 121:491-493, 1964.
- GONZALEZ, R. G., BISHOP, M. P., and GALLANT, D. M.: Fencamfamin versus placebo in depressed patients. *Journal of New Drugs*, 4(5):284-287, 1964.
- NESSELHOF, W., GALLANT, D. M., and BISHOP, M. P.: A double-blind comparison of WY-3498, diazepam and placebo in psychiatric outpatients. *American Journal of Psychiatry*, 121:809-811, 1965.
- PRATT, J. P., BISHOP, M. P., and GALLANT, D. M.: Trifluoperidol and haloperidol in the treatment of acute schizophrenia. *American Journal of Psychiatry*, 121:592-594, 1964.
- PRATT, J. P., BISHOP, M. P., and GALLANT, D. M.: Comparison of haloperidol, trifluoperidol, and chlorpromazine in acute schizophrenic patients. *Current Therapeutic Research*, 6:562-571, 1964.
- MH-3707 (R03) PETERSON, MARGARET J.: Relevant and irrelevant stimuli in concept formation. Indiana University, Bloomington, Ind. (1959-60)
- PETERSON, MARGARET JEAN: Some effects of the percentage of relevant cues and presentation methods on concept identification. *Journal of Experimental Psychology*, 64:623-627, 1962. (Also acknowledges MH-5209).
- PETERSON, M. J.: Effects of knowledge of results on a verbal mediating response. *Journal of Experimental Psychology*, 66:394-398, 1963.
- MH-3708 (R01) ADEY, W. ROSS, ACKERMAN, MARSHALL, and KADO, RAYMOND T.: Impedance measurements in the brain. University of California, Los Angeles, Calif. (1960- )
- ADEY, W. R.: Computers at the frontiers of biomedical research. *American Federation of Information Processing Societies*, 24:603-607, 1963.
- ADEY, W. R.: Computer analysis of hippocampal EEG activity and impedance in approach learning: Effects of psychotomimetic and hallucinogenic drugs. In: Second International Pharmacological Congress, Prague, 1963.
- ADEY, W. R.: Data acquisition and analysis techniques in a brain research institute. *Annals of the New York Academy of Science*, 115:844-866, 1964.
- ADEY, W. R.: Electrophysiological patterns and cerebral impedance characteristics in orienting and discriminative behavior. In: Proceedings of the 23rd International Congress of Physiological Science, Tokyo, Sept. 1965, p. 324-339. (Excerpta Medica International Congress Series No. 87)
- ADEY, W. R., and KADO, R. T.: Changes in impedance in hippocampal structures during discriminative performance in cat. *Federation Proceedings*, 21:359, 1962.
- ADEY, W. R., KADO, R. T., DIDIO, J., and SCHINDLER, W. J.: Impedance changes in cerebral tissue accompanying a learned discriminative performance in the cat. *Experimental Neurology*, 7:259-281, 1963.
- ADEY, W. R., KADO, R. T., and WALTER, D. O.: Impedance characteristics of cortical and subcortical structures: Evaluation of regional specificity in hypercapnea and hypothermia. *Experimental Neurology*, 11(2):190-216, 1965.
- ADEY, W. R., WALTER, D. O., and KADO, R. T.: Examination of integrative processes in cerebral systems by computer analysis of electroencephalographic and impedance records. (Abstract) In: 22nd International Physiological Congress, Leyden, September 1962. New York, Excerpta Medica Foundation, 1962, p. 612.
- PORTER, R., ADEY, W. R., and KADO, R. T.: Measurement of electrical impedance in the human brain: Some preliminary observations. *Neurology*, 14(11):1002-1012, 1964.

- BARRETT-LENNARD, G. T.: Dimensions of therapist response as causal factors in therapeutic change. *Psychological Monographs*, 76(43), 1962. (Whole No. 562)
- MH-3722 (R03) PURCELL, KENNETH: A method to assess parent influence on child behavior. Jewish National Home for Asthmatic Children, Denver, Colo. (1960-60)
- PURCELL, K.: A method to assess aspects of parent-child relationships. *Child Development*, 33:537-553, 1962.
- MH-3729 (R01) DOZIER, MARIANNE F.: Kalinga child rearing practices. Individual, Stanford, Calif. (1959-60)
- DOZIER, MARIANNE FINK: North Kalinga personality configurations and child-rearing patterns. In: VI<sup>e</sup> Congres International des Sciences Anthropologiques et Ethnologiques. Tome II, (1<sup>er</sup> volume). Musée de L'Homme. Paris, 1960.
- MH-3730 (R03) MEYERSON, LEE: Exploration of personal documents in somatopsychology. Individual, Houston, Texas. (1960-60)
- COHN, NANCY: Understanding the process of adjustment to disability. *Journal of Rehabilitation*, 27(6):16-18, 1961.
- MH-3732 (R01) PRIBRAM, KARL H.: Neural regulation of behavior. Stanford University, Stanford, Calif. (1959- ) (Continued from MH-545).
- BAGSHAW, MURIEL H., KIMBLE, DANIEL P., and PRIBRAM, KARL H.: The GSR of monkeys during orienting and habituation and after ablation of the amygdala, hippocampus and inferotemporal cortex. *Neuropsychologia*, 3:111-119, 1965.
- BAGSHAW, MURIEL H., and PRIBRAM, KARL H.: Effect of amygdectomy on transfer of training in monkeys. *Journal of Comparative and Physiological Psychology*, 59(1):118-121, 1965.
- GRUENINGER, W. E., KIMBLE, DANIEL P., GRUENINGER, J., and LEVINE S.: GSR and corticosteroid response in monkeys with frontal ablations. *Neuropsychologia*, 3:205-216, 1965.
- HEARST, E., and PRIBRAM, K. H.: Appetitive and aversive generalization gradients in amygdalotomized monkeys. *Journal of Comparative and Physiological Psychology*, 58(2):296-298, 1964.
- HEARST, ELIOT, and PRIBRAM, KARL H.: Facilitation of avoidance behavior by unavoidable shocks in normal and amygdalotomized monkeys. *Psychological Reports*, 14:39-42, 1964.
- KRAFT, MARCIA, OBRIST, W. D., and PRIBRAM, K. H.: The effect of irritative lesions of the striate cortex on learning of visual discrimination in monkeys. *Journal of Comparative and Physiological Psychology*, 53:17-22, 1960. (Also acknowledges MH-545).
- MILLER, G. A., GALANTER, E., and PRIBRAM, K. H.: Plans and the structure of behavior. New York, Henry Holt & Co., 1960. (Also acknowledges MH-545).
- POPPEN, R. L., PRIBRAM, K. H., and ROBINSON, R. S.: Effects of frontal lobotomy in man on the performance of a multiple choice task. *Experimental Neurology*, 11(2):217-229, 1965.
- PRIBRAM, K. H.: On the neurology of thinking. *Behavioral Science*, 4:265-287, 1959. (Also acknowledges MH-545).
- PRIBRAM, K. H.: Neuropsychology in America. In: The Voice of America Forum Lectures, Behavioral Science Series 9. Washington, D.C., U.S. Information Agency, 1959. (Also acknowledges MH-545).
- PRIBRAM, K. H.: A review of theory in physiological psychology. In: Annual review of psychology. Vol. II. Palo Alto, Calif., Annual Reviews, 1960, p. 1-40. (Also acknowledges MH-545).
- PRIBRAM, K. H.: The intrinsic systems of the forebrain: An alternative to the concept of cortical association areas. In: Handbook of physiology, neuropsychology. Vol. 2. Washington, D.C., American Physiological Society, 1960, p. 1323-1344. (Also acknowledges MH-545).
- PRIBRAM, K. H.: A further experimental analysis of the behavioral deficit that follows injury to the primate frontal cortex. *Experimental Neurology*, 3:432-466, 1961. (Also acknowledges MH-545).
- PRIBRAM, K. H.: Limbic system. In: Sheer, D. E., ed. *Electrical stimulation of the brain*. Austin, University of Houston Press, 1961, p. 311-320.
- PRIBRAM, K. H.: Implications for systematic studies of behavior. In: Sheer, D. E., ed. *Electrical stimulation of the brain*. Austin, University of Houston Press, 1961, p. 563-574.
- PRIBRAM, K. H.: Regional physiology of CNS: The search for the engram—decade of decision. In: Spiegel, E., ed. *Progress in neurology and psychiatry*. Vol. 16. New York, Grune & Stratton, 1961, p. 45-57. (Also acknowledges MH-545).
- PRIBRAM, K. H.: The neuropsychology of Sigmund Freud. In: Bachrach, A. J., ed. *Experimental foundations of clinical psychology*. New York, Basic Books, 1962, p. 442-468.

- PRIBRAM, K. H.: Interrelations of psychology and the neurological disciplines. In: Koch, S., ed. *Psychology: A study of a science*. Vol. 4. Biologically oriented fields: Their place in psychology and in biological science. New York, McGraw-Hill, 1962, p. 119-157.
- PRIBRAM, K. H.: The new neurology: Memory, novelty, thought and choice. In: Glaser, G. H., ed. *Electroencephalography and behavior*. New York, Basic Books, 1963, p. 149-173.
- PRIBRAM, K. H.: A neuropsychological model: Some observations on the structure of psychological processes. In: Knapp, P. H., ed. *Expression of the emotions in man*. New York, International Universities Press, 1963, p. 209-229.
- PRIBRAM, K. H.: Reinforcement revisited: A structural view. In: Jones, M., ed. *Nebraska symposium on motivation*. Lincoln, University of Nebraska Press, 1963, p. 113-159.
- PRIBRAM, KARL H.: Neurological notes on the art of education. Sixty-third Yearbook of the National Society for the Study of Education. Part I. Chicago, University of Chicago Press, 1964, p. 78-110.
- PRIBRAM, K. H., AHUMADA, A., HARTOG, J., and ROOS, L.: A progress report on the neurological processes disturbed by frontal lesions in primates. In: Warren, J. M., and Akert, K., eds. *The frontal granular cortex and behavior*. New York, McGraw-Hill, 1964, p. 28-55.
- PRIBRAM, K. H., GARDNER, K. W., PRESSMAN, G. L., and BAGSHAW, MURIEL: An automated discrimination apparatus for discrete trial analysis (DADTA). *Psychological Reports*, 11:247-250, 1962. (Also acknowledges MH-545).
- PRIBRAM, K. H., GARDNER, K. W., PRESSMAN, G. L., and BAGSHAW, MURIEL: Automated analysis of multiple choice behavior. *Journal of Experimental Animal Behavior*, 6:123-124, 1963. (Also acknowledges MH-545).
- PRIBRAM, K. H., WILSON, W. A., and CONNORS, JANE: Effects of lesions of the medial forebrain on alternation behavior of rhesus monkeys. *Experimental Neurology*, 6:36-47, 1962. (Also acknowledges MH-545).
- SCHWARTZBAUM, J. S., and PRIBRAM, K. H.: The effects of amygdectomy in monkeys on transposition along a brightness continuum. *Journal of Comparative and Physiological Psychology*, 53: 396-399, 1960. (Also acknowledges MH-545).
- SHERER, GEORGIA, and PRIBRAM, K. H.: Serial frozen section of whole brain. *Psychological Reports*, 11:209-210, 1962. (Also acknowledges MH-545).
- SPINELLI, D. N.: Visual receptive fields in the cat's retina: Complications. *Science*, 152(3730):1768-1769, 1966.
- SPINELLI, D. N., and PRIBRAM, KARL H.: Changes in visual recovery functions produced by temporal lobe stimulation in monkeys. *Electroencephalography and Clinical Neurophysiology*, 20(1), 44-49, 1966.
- SPINELLI, D. N., PRIBRAM, KARL H., and WEINGARTEN, MOREY: Centrifugal optic nerve responses evoked by auditory and somatic stimulation. *Experimental Neurology*, 12(3):303-319, 1965.
- SPINELLI, D. N., PRIBRAM, KARL H., and WEINGARTEN, MOREY: Visual receptive field modification induced by non-visual stimuli. (Abstract) *Federation Proceedings*, 25(2):574, 1966.
- STAMM, J. S., and PRIBRAM, K. H.: Effects of epileptogenic lesions in frontal cortex on learning and retention in monkeys. *Journal of Neurophysiology*, 23:552-563, 1960. (Also acknowledges MH-545).
- WILSON, MARTHA, STAMM, J. S., and PRIBRAM, K. H.: Deficits in roughness discrimination after posterior parietal lesions in monkeys. *Journal of Comparative and Physiological Psychology*, 53: 535-539, 1960. (Also acknowledges MH-545).
- MH-3740 (R03) YOUNG, FRANK W.: Cross-cultural test of two socialization hypotheses. San Diego State College, San Diego, Calif. (1960-60)
- YOUNG, FRANK W.: The function of male initiation ceremonies: A cross-cultural test of an alternative hypothesis. *American Journal of Sociology*, 67(4):379-396, 1962.
- MH-3741 (R03) UHLENHUTH, EBERHARD, H., and PARK, LEE C.: The relief of depression with imipramine and placebo. Johns Hopkins University, Baltimore, Md. (1959-60)
- PARK, LEE C., and LIPMAN, RONALD S.: A comparison of patient dosage deviation reports with pill counts. *Psychopharmacologica*, 6:299-302, 1964. (Also acknowledges MH-4732).
- UHLENHUTH, E. H., and PARK, LEE C.: The influence of medication (Imipramine) and doctor in relieving depressed psychoneurotic outpatients. *Journal of Psychiatric Research*, 2:101-122, 1964.
- MH-3744 (R01) SAMORAJSKI, THADDEUS: Functional cytology—hypothalamus and pituitary gland. Ohio State University, Columbus, Ohio. (1960-60) (Continued as MH-4471).
- SAMORAJSKI, T., and MCCLOUD, JERRY: Alkaline phosphomonoesterase and blood brain permeability. *Laboratory Investigation*, 10:492-501, 1961. (Also acknowledges MH-4471).
- SAMORAJSKI, T., and MARKS, B. H.: Localization of tritiated norepinephrine in mouse brain. *Jour-*



- nal of Histochemistry and Cytochemistry*, 10:392-399, 1962. (Also acknowledges MH-4471).
- MH-3750 (R03) ZAMANSKY, HAROLD S., and SCHARF, BERTRAM: The influence of hypnosis upon the visual threshold. Northeastern University, Boston, Mass. (1959-60)
- SCHARF, B., and ZAMANSKY, H. S.: Reduction of the word-recognition threshold under hypnosis. *Perceptual and Motor Skills*, 17:499-510, 1963. (Also acknowledges MH-4530).
- MH-3756 (R17) FUSTER, JOAQUIN M.: Neuronal activity in the limbic system and emotion. University of California Medical Center, Los Angeles, Calif. (1960-65)
- FUSTER, J. M., and CREUTZFELDT, O.: Intracelluläre Ableitungen von Neuronen des visuellen Cortex und des Corpus geniculatum laterale beim Kaninchen. *Pflügers Arch. ges. Physiol.*, 278(1): 67-68, 1963.
- FUSTER, JOAQUIN M., CREUTZFELDT, OTTO D., and STRASCHILL, MAX: Intracellular recording of neuronal activity in the visual system. *Zeitschrift für vergleichende Physiologie* (Germany), 49:605-622, 1965.
- FUSTER, J. M., HERZ, A., and CREUTZFELDT, O. D.: Interval analysis of cell discharge in spontaneous and optically modulated activity in the visual system. *Archives Italiennes de Biologie* (Germany), 103:159-177, 1965.
- FUSTER, J. M., and UYEDA, A. A.: Facilitation of tachistoscopic performance by stimulation of mid-brain tegmental points in the monkey. *Experimental Neurology*, 6:384-406, 1962.
- HERZ, VON A., CREUTZFELDT, O., and FUSTER, J.: Statistische eigenschaften der neuronaktivität im ascendierenden visuellen system. Sonderdruck aus, "Kybernetik" (Germany), 2. Band. 2. Heft, Juni 1964, S. 61-71.
- HERZ, A., and FUSTER, J. M.: Über das entladungsmuster von neuronen des optischen cortex und dessen veränderungen durch barbiturate und amphetamin. *Naunyn-Schmiedeberg Archives*, 246: 25, 1963.
- HERZ, A., and FUSTER, J.: Über die Wirkung von Barbituraten und Amphetamin auf die Entladungstätigkeit corticaler Neurone. *Naunyn-Schmiedeberg's Archiv Für Experimentelle Pathologie und Pharmakologie* (Germany), 249:146-161, 1964.
- REINOSO, F., and FUSTER, J. M.: Respuestas repetitivas en vias visuales tras lesiones en formacion reticular subtalamica y mesencefalica. *Anales de Anatomia*, 12:1-22, 1963.
- SCHEIBEL, M. E., and SCHEIBEL, A. B.: Relation of reticular axon collateralization to widened intracellular axon spikes. (Abstract) *Anatomical Record*, 142(2):325, 1962.
- SCHEIBEL, M. E., and SCHEIBEL, A. B.: Structure-functional correlates of development in cerebellum and reticular core of newborn cats. (Abstract) *Anatomical Record*, 142(2):325-326, 1962.
- UYEDA, A. A., and FUSTER, J. M.: The effects of amphetamine on tachistoscopic performance in the monkey. *Psychopharmacologia*, 3:463-467, 1962.
- MH-3763 (R03) COATE, WILLIAM B.: Discrimination and drive-generalization interaction. Wellesley College, Wellesley, Mass. (1960-60)
- COATE, W. B.: Effect of deprivation on postdiscrimination stimulus generalization in the rat. *Journal of Comparative and Physiological Psychology*, 57:134-138, 1964.
- MH-3768 (R03) WHITTINGTON, HORACE G.: Follow-up of college psychiatric clinic patients. University of Kansas, Lawrence, Kans. (1960-60)
- WHITTINGTON, H. G.: Psychiatry on the college campus. New York, International Universities Press, 1963, 328 p.
- MH-3771 (R03) FISCHER, GLORIA J.: Follow-up of released mental patients. University of Oklahoma, Norman, Okla. (1960-60)
- FISCHER, GLORIA J.: Socio-economic factors and outcome of released mental patients: influence of type of placement, occupational adjustment, compensation and type of hospital. *Journal of Health, and Human Behavior*, 6:105-110, 1965.
- MH-3772 (R03) ERVIN, SUSAN M.: The determinants of word associations. University of California, Berkeley, Calif. (1960-61)
- ERVIN, SUSAN M.: Correlates of associative frequency. *Journal of Verbal Learning and Verbal Behavior*, 1:422-431, 1963.
- MH-3773 (R03) McALLISTER, ROBERT J., and VANDERVELDT, ALBERT: Factors in mental illness among hospitalized clergy. Seton Psychiatric Institute, Baltimore, Md. (1960-60)
- McALLISTER, ROBERT J., and VANDERVELDT, ALBERT: Factors in mental illness among hospitalized clergy. *Journal of Nervous and Mental Disease*, 132(1):80-88, 1961.
- McALLISTER, R. J., and VANDERVELDT, A. J.: Psychiatric illness in hospitalized Catholic religious. *American Journal of Psychiatry*, 121(9):881-884, 1965. (Also acknowledges MH-5909).
- VANDERVELDT, A. J., and McALLISTER, R. J.: Psychiatric illness in hospitalized clergy: Alcoholism. *Quarterly Journal of Studies on Alcohol*, 23(1):124-130, 1962.

- MH-3774 (R03) LANA, ROBERT E.: Familiarity and order of presentation in persuasion. American University, Washington, D.C. (1960-60)
- LANA, R. E.: Familiarity and the order of presentation of persuasive communications. *Journal of Abnormal and Social Psychology*, 62:573-577, 1960. Also in: Vinacke, W. E., Wilson, W. R., and Meredith, G. M., eds. *Dimensions of social psychology*. Chicago, Scott, Foresman, & Co., 1964.
- MH-3775 (R01) GARNER, HARRY H., SACCHI, ULRICO, and TOMAN, JAMES E. P.: Psychic and motor effects of drugs injected into CSF. Chicago Medical School, Chicago, Ill. (1960- )
- BOGDANOVE, L. H., and JACOBY, M. S.: Behavioral and electroencephalographic responses of unanesthetized, unrestrained cats to metacholine injected into the lateral cerebral ventricles and/or atropine sulfate injected intraperitoneally. (Abstract) *Federation Proceedings*, 23:560, 1964.
- BOGDANOVE, L. H., LEVIN, J. J., and STICE, J.: Cerebral effects of aliphatic esters. *Pharmacologist*, 4:177, 1962.
- BOGDANOVE, L. H., and NIR, I.: Effect of intracerebral injection of catecholamines and DOPA on EEG of cat cortex, limbic system and midthalamus. (Abstract) *Pharmacologist*, 7(2):174, 1965.
- BOGDANOVE, L. H., and SHERWOOD, S. L.: Behavioral response of unanesthetized cats to chelating agents injected into the lateral cerebral ventricles. *Federation Proceedings*, 21:420, 1962.
- NIR, I., and BOGDANOVE, L. H.: Behavioral and electroencephalographic responses of unanesthetized, unrestrained cats to isomers of epinephrine, norepinephrine and metanephrine injected into the lateral cerebral ventricles. (Abstract) *Pharmacologist*, 5:242, 1963.
- TOMAN, JAMES E. P.: Neurotropic drugs. In: Elliott, Page, & Quastel, J. H., eds. *Neurochemistry*. Springfield, Ill., Thomas, 1962, p. 728-765. (Also acknowledges MH-1422 and MH-4545).
- MH-3791 (R03) PEACOCK, LELON J.: Measurement of general activity by ultrasonic means. University of Georgia, Athens, Ga. (1960-60)
- PEACOCK, L. J., and WILLIAMS, MARSHALL: An ultrasonic device for recording activity. *American Journal of Psychology*, 75:648-652, 1962.
- MH-3793 (R01) STEWART, DANIEL K.: Laws of logic involved in communication. Michigan State University, East Lansing, Mich. (1960-62)
- STEWART, DANIEL K.: Communication and logic: II. An explanation sketch of meaning. *Psychological Reports*, 13:591-597, 1963.
- STEWART, DANIEL K.: Communication and logic: III. Evidence for showing that communication is a function of validity patterns. *Journal of General Psychology*, 73(1):67-72, 1965.
- STEWART, DANIEL K.: Communication and logic: IV. Evidence for showing the effect of abstract thoughts on communication. *Journal of Psychology*, 57:89-93, 1964.
- STEWART, DANIEL K.: Communication and logic: V. Evidence for showing the effect of compound thoughts on communication. *Journal of General Psychology*, 74:77-80, 1966.
- STEWART, D. K.: Communication and logic: VI. Evidence for showing the influence of negative thoughts on communication. *Journal of Psychology*, 58:79-83, 1964.
- MH-3797 (R01) GRAHAM, THOMAS M., and ERSHOFF, BENJAMIN, H.: Effects of gamma radiation on behavior and learning. Institute for Biological Research, Culver City, Calif. (1960-62)
- ERSHOFF, B. H., and GAL, E. M.: Effects of radiation on tissue serotonin levels in the rat. *Proceedings of the Society for Experimental Biology and Medicine*, 108:160-162, 1961.
- ERSHOFF, B. H., HELLMERS, R., and WELLS, A. F.: Effects of a radioprotective agent on tissue serotonin levels in the X-irradiated rat. *Proceedings of the Society for Experimental Biology and Medicine*, 110:536-538, 1962.
- GILBERT, DUNHAM H., and GRAHAM, THOMAS M.: Prolonged gamma irradiation as related to learning and motivation in the rat. *Radiation Research*, 21:120-128, 1964.
- GRAHAM, THOMAS M., GILBERT, DUNHAM H., GOLD, NORMAN, and CALLAHAN, LAWRENCE G.: The effect of continuous gamma irradiation on barpressing in old rats. *Radiation Research*, 17:787-791, 1962.
- MH-3801 (R03) LITTMAN, RICHARD A.: Studies in social behavior, escape and avoidance. University of Oregon, Eugene, Ore. (1960-61)
- BARON, A., and LITTMAN, RICHARD A.: Studies of individual and paired interactional problem solving behavior of rats. *Genetic Psychology Monographs*, 64:129-209, 1961.
- BROOKSHIRE, K., LITTMAN, R. A., and STEWART, C.: The interactive effects of promazine and post-weaning stress upon adult avoidance behavior. *Journal of Nervous and Mental Disease*, 135:52-58, 1962. (Also acknowledges MH-1695).
- MH-3803 (R01) MYERS, JEROME L.: Parameters affecting risk-taking behavior. University of Massachusetts, Amherst, Mass. (1960- )

- CAMBRON, BERNARD, and MYERS, JEROME L.: Some personality correlates of risk taking. *Journal of General Psychology*, 74:51-60, 1966.
- CRAIG, G., and MYERS, J. L.: A developmental study of sequential two-choice decision making. *Child Development*, 34:483-493, 1963.
- GAMBINO, BLASE, and MYERS, JEROME L.: The effect of mean and variability of event run length on two-choice learning. (Technical Report No. 20). Amherst, Mass., Univ. of Massachusetts Press, 1965, 12 p. (Processed).
- GAMBINO, BLASE, SUYDAM, MARY M., and MYERS, JEROME L.: The purchase and use of informative cues in a two-choice situation. Amherst, Mass., Univ. of Mass., 1964, p. 1-15. (Technical Report No. 14).
- JONES, MARI R., and MYERS, JEROME L.: A comparison of two methods of event randomization in probability learning. (Technical Report No. 19). Amherst, Mass., Univ. of Massachusetts, 1965, 13 p. (Processed).
- KATZ, LEONARD: Monetary incentive and range of payoffs as determiners of risk taking. *Journal of Experimental Psychology*, 64:541-544, 1962.
- KATZ, L.: Effects of differential monetary gain and loss on sequential two-choice behavior. *Journal of Experimental Psychology*, 68(3):245-249, 1964.
- LIPKIN, S. G., SCHNORR, J. A., SUYDAM, M. M., and MYERS, J. L.: Effects of risk as a within-subject variable in probability learning. *Psychonomic Science*, 2(6):145-146, 1964.
- MYERS, J. L., and ATKINSON, R. C.: Choice behavior and reward structure. *Journal of Mathematical Psychology*, 1:1-34, 1964.
- MYERS, J. L., and FORT, J. G.: Sequential analysis of gambling behavior. *Journal of General Psychology*, 69:299-309, 1963.
- MYERS, J. L., FORT, J. G., KATZ, L., and SUYDAM, M.: Differential monetary gains and losses and event probabilities in a two-choice situation. *Journal of Experimental Psychology*, 66:521-522, 1963.
- MYERS, J. L., and KATZ, LEONARD: Range of payoffs and feedback in risk taking. *Psychological Reports*, 10:483-486, 1962.
- MYERS, J. L., and SUYDAM, M.: Gain, cost, and event probability as determiners of choice behavior. *Psychonomic Science*, 1:39-40, 1964.
- MYERS, JEROME L., SUYDAM, MARY M., and GAMBINO, BLASE: Contingent gains and losses in a risk-taking situation. *Journal of Mathematical Psychology*, 2(2):363-370, 1965.
- SCHNORR, JOHN A., LIPKIN, STANLEY G., and MYERS, JEROME L.: Incentive contrast in probability learning. Studies in choice behavior. Amherst, Mass., Univ. of Mass., 1965, 11 p. (Technical Report No. 18). (Processed).
- SLOVIN, THEODORE: The effects of event probability and instructions on choice of event and amount bet in a two-choice situation. Studies in choice behavior. Amherst, Mass., University of Massachusetts, 1965, 48 p. (Technical Report No. 22).
- SLOVIN, THEODORE, SCHUMER, HARRY, and MYERS, JEROME L.: Effects of success and instructions on verbalized expectancies and amount bet in a two-choice situation. *Psychological Reports*, 15:387-394, 1964.
- SUYDAM, M. M.: Effects of cost and gain ratios, and probability of outcome on ratings of alternative choices. *Journal of Mathematical Psychology*, 2(1):171-179, 1965.
- SUYDAM, M., and MYERS, J. L.: Some parameters of risk-taking behavior. *Psychological Reports*, 10:559-562, 1962.
- MH-3804 (R01) L'ABATE, LUCIANO: Effects of anxiety on verbal and perceptual learning. Washington University, St. Louis, Mo. (1960-62)
- L'ABATE, L.: MMPI scatter as a single index of maladjustment. *Journal of Clinical Psychology*, 18(2):142-143, 1962.
- L'ABATE, LUCIANO: The relationship between WAIS-derived indices of maladjustment and MMPI in deviant groups. *Journal of Consulting Psychology*, 26(5):441-445, 1962.
- MH-3811 (R01) TRYON, ROBERT C.: Cluster analysis programs in psychosocial studies. University of California, Berkeley, Calif. (1960-63)
- TRYON, ROBERT C., and BAILLY, DANIEL E.: The BC try computer system of cluster and factor analysis. *Multivariate Behavioral Research*, 1(1):95-111, 1966.
- TRYON, R. C., and Staff of Project CAP: Users' manual of the BC TRY system: The IBM 704 programs. Berkeley, Calif., Project CAP, University of California, 1961, 36 p. (Processed).
- TRYON, R. C., and Staff of Project CAP: Users' manual of the BC TRY system: The first operational 7090 programs. Berkeley, Calif., Project CAP, University of California, 1963, 136 p. (Processed).
- MH-3813 (R01) ERVIN, SUSAN M.: Development of grammar in child language. University of California, Berkeley, Calif. (1960-64)
- ERVIN, SUSAN M., and MILLER, WICK R.: Language development. In: Stevenson, H. W., ed. *Yearbook, National Society for the Study of Education*. Chicago, University of Chicago Press, 1963, p. 108-143.

- MILLER, WICK, and ERVIN, SUSAN: The development of grammar in child language. In: The acquisition of language. Society for Research in Child Development. (Monograph), 29(1):9-34, 1964.
- MH-3821 (R01) NAROLL, RAOUL S.: A cross-cultural study of culture stress causes. San Fernando Valley State College, Northridge, Calif. (1960-63)
- NAROLL, FRADA, and NAROLL, RAOUL: On bias of exotic data. *Man*, 25:24-26, 1963.
- NAROLL, RAOUL: Two solutions to Galton's problem. *Philosophy of Science*, 28:15-39, 1961.
- NAROLL, RAOUL: Floor area and settlement population. *American Antiquity*, 27:587-589, 1962.
- NAROLL, RAOUL: A fifth solution to Galton's problem. *American Anthropologist*, 66:863-867, 1964.
- NAROLL, RAOUL: On ethnic unit classification. *Current Anthropology*, 5:283-291, 1964.
- NAROLL, RAOUL, and D'ANDRADE, ROY G.: Two further solutions to Galton's problem. *American Anthropologist*, 65:1053-1062, 1963.
- NAROLL, RAOUL, and NAROLL, FRADA: Social development of a Tyrolean village. *Anthropological Quarterly*, 35:103-119, 1962.
- MH-3826 (R01) HEUSLER, ANTON F., and ULETT, GEORGE: Effects of different tranquilizers on group behavior. St. Louis State Hospital, St. Louis, Mo. (Continued as MH-7071). (1960-62)
- ULETT, G. A., HEUSLER, A. P., IVES-WORD, V., WORD, T., and QUICK, R.: Influence of chlorthalidose on drug-altered EEG patterns and behavior. *Medicina Experimentalis*, 5:386-390, 1961.
- ULETT, GEORGE, HEUSLER, A. F., WORD, V., and WORD, T.: Mechanical and electronic techniques in the measurement of psychopharmacologic response. In: Nodine, John H., and Moyer, John H., eds. *The First Hahnemann Symposium on Psychosomatic Medicine*. Philadelphia, Pa., Lea & Febiger, 1962, p. 384-390. (Also acknowledges MH-2823).
- MH-3830 (R01) ORBACH, JACK: Role of limbic structures in learning and emotions. Michael Reese Hospital and Medical Center, Chicago, Ill. (1960- )
- HEATH, H. A., EHRLICH, D., and ORBACH, J.: Reversibility of the Necker cube: Effects of various activating conditions. *Perceptual and Motor Skills*, 17:539-546, 1963.
- HEATH, H. A., and ORBACH, J.: Reversibility of the Necker cube: IV. Responses of elderly people. *Perceptual and Motor Skills*, 17:625-626, 1963.
- KLING, A., and ORBACH, J.: Plasma 17-hydroxycorticosteroid levels in the stump-tailed monkey and two other macaques. *Psychological Reports*, 13: 863-865, 1963.
- KLING, A., and ORBACH, J.: The stump-tailed macaque: A promising laboratory primate. *Science*, 139:45-46, 1963.
- OLSON, RONALD, and ORBACH, J.: Reversibility of the necker cube: VIII. Parts of the figure contributing to the perception of reversals. *Perceptual and Motor Skills*, 22(2):623-629, 1966.
- ORBACH, J.: Spontaneous ejaculation in rat. *Science*, 134:1072-1073, 1961.
- ORBACH, J.: Proprioceptive and positional cues in solving delayed-response problems. *Science*, 135: 667-668, 1962.
- ORBACH, J., EHRLICH, D., and HEATH, HELEN A.: Reversibility of the Necker cube: I. An examination of the concept of "satiation of orientation." *Perceptual and Motor Skills*, 17:439-458, 1963.
- ORBACH, J., EHRLICH, D., and VAINSTEIN, ELLA: Reversibility of the Necker cube: III. Effects of interpolation on reversal rate of the cube presented repetitively. *Perceptual and Motor Skills*, 17:571-582, 1963.
- ORBACH, J., and KLING, A.: The stump-tailed macaque: A docile Asiatic monkey. *Animal Behavior*, 12:343-347, 1964.
- ORBACH, J., TRAUB, ARTHUR C., and OLSON, RONALD: Psychophysical studies of body-image. II. Normative data on the adjustable body-distorting mirror. *Archives of General Psychiatry*, 12(1):41-47, 1965.
- ORBACH, J., and ZUCKER, ELLEN: Reversibility of the necker cube: V. Effect of movement of the figure on the perception of reversals. *Perceptual and Motor Skills*, 18:945-951, 1964.
- ORBACH, J., and ZUCKER, E.: Reversibility of the necker cube: VI. Effects interpolating a non-reversing cube. *Perceptual and Motor Skills*, 20 (2):470-472, 1965.
- ORBACH, J., ZUCKER, ELLEN, and OLSON, RONALD: Reversibility of the necker cube: VII. Reversal rate as a function of figure-on and figure-off durations. *Perceptual and Motor Skills*, 22(2):615-618, 1966.
- SHUCKMAN, HAROLD: Area and stimulus specificity in the transfer of responses conditioned to intracranial stimulation: A replication. *Psychological Reports*, 18(2):639-644, 1966.
- SHUCKMAN, H., FANTL, L., and BAILEY, P.: Lateral hypothalamus and hunger: Responses to a secondary reinforcer with and without electrical stimulation. (Abstract) *Federation Proceedings*, 25(2): 207, 1966.

- TRAUB, A. C., and ORBACH, J.: Psychophysical studies of body-image. I. The adjustable body-distorting mirror. *Archives of General Psychiatry*, 11:53-66, 1964.
- MH-3831 (R01) WORDEN, FREDERIC G., and MARSH, JAMES T.: Auditory electrophysiology and behavior. University of California Medical Center, Los Angeles, Calif. (1960- )
- ABRAHAM, FREDERICK D., and MARSH, JAMES T.: Amplitude of evoked potentials as a function of slow presenting rates of repetitive auditory stimulation. *Experimental Neurology*, 14(2):187-198, 1966.
- MARSH, J. T., WORDEN, F. G., and HICKS, L.: Some effects of room acoustics on evoked auditory potentials. *Science*, 137(3526):280-282, 1962.
- WORDEN, F. G., and MARSH, J. T.: Amplitude changes of auditory potentials evoked at cochlear nucleus during acoustic habituation. *Electroencephalography and Clinical Neurophysiology*, 15: 866-881, 1963.
- WORDEN, FREDERIC G., MARSH, JAMES T., ABRAHAM, FREDERICK D., and WHITTLESBY, JOHN R. B.: Variability of evoked auditory potentials and acoustic input control. *Electroencephalography and Clinical Neurophysiology*, 17:524-530, 1964.
- MH-3836 (R03) LAWSON, EDWIN D.: Change in communication nets, morale and efficiency. State University of New York—Albany State College, Albany, N.Y. (1960-61)
- LAWSON, EDWIN D.: Change in communication nets, performance, and morale. *Human Relations*, 18 (2):139-147, 1965.
- MH-3837 (R03) SIMPSON, GEORGE E.: Religious cults in Trinidad, West Indies. Individual, Oberlin, Ohio. (1960-60)
- SIMPSON, GEORGE E.: The Shango cult in Nigeria and in Trinidad. *American Anthropologist*, 64 (6):1204-1219, 1962.
- SIMPSON, GEORGE E.: Folk medicine in Trinidad. *Journal of American Folklore*, 75(298):326-340, 1962.
- SIMPSON, GEORGE E.: The acculturative process in Trinidadian Shango. *Anthropological Quarterly*, 37(1):16-27, 1964.
- MH-3841 (R03) FOSMIRE, FREDERICK R.: Non-pathological character of atypical associations. University of Oregon, Eugene, Ore. (1960-60)
- FOSMIRE, F. R., and TRYK, H. EDWARD: Word association: Common and original response. *Science*, 139:415-416, 1963. (Also acknowledges MH-4978).
- MH-3842 (R03) PITTMAN, JAMES A., JR.: Reserpine and thyroid function in psychiatric patients. University of Alabama, Birmingham, Ala. (1960-60)
- PITTMAN, J. A.: Diagnosis and treatment of thyroid diseases. Philadelphia, F. A. Davis Co., 1963, 145 p.
- PITTMAN, J. A., WOUTERS, F. W., HILL, S. R., JR., FARMER, T. A., HAMNER, D., and ROSSER, H. F.: Effect of reserpine on thyroid function in man. (Abstract) *Acta Endocrinologica*, 35(Suppl. No. 51):1175, 1960.
- MH-3843 (R01) BECKER, GORDON M.: Decision-making with conflicting information. Boston University, Boston, Mass. (1960-61) (Continued from MH-2348).
- BECKER, G. M.: Decision making: Objective measures of subjective probability and utility. *Psychological Review*, 69:136-148, 1962. (Also acknowledges MH-2348).
- COHRN, D., WICKELGREN, W., and BECKER, G.: Decision making with incongruent information. Santa Barbara, Calif., General Electric Company: TEMPO, 1963, 44 p. (Publication No. SP-234). (Also acknowledges MH-2348).
- MH-3844 (R03) EMMERICH, WALTER: Perception of family roles. University of Colorado, Boulder, Colo. (1960-60)
- EMMERICH, WALTER: Variations in the parent role as a function of the parent's sex and child's sex and age. *Merrill-Palmer Quarterly*, 8:3-11, 1962. (Also acknowledges MH-2853).
- EMMERICH, WALTER: Family role concepts of children ages six to ten. *Child Development*, 32: 609-624, 1961. Also in: Thomas, E. A. S., and Biddle, B. J., eds. *Social role: Readings in theory and application*. New York, Wiley, 1964. (Also acknowledges MH-2853).
- MH-3847 (R01) McQUOWN, NORMAN A., and PITT-RIVERS, JULIAN A.: Social and linguistic indices of cultural change. University of Chicago, Chicago, Ill. (1960-62)
- BERLIN, BRENT: Esbozo de la fonología del Tzeltal de tenejapa Chiapas. *Estudios de Cultura Maya*, 2:17-36, 1962.
- BERLIN, BRENT: A Tzeltal surname origin myth. *Folklore*, 73:230-233, 1962.
- BERLIN, BRENT: A possible paradigmatic structure for Tzeltal pronominals. *Anthropological Linguistics*, 5(2):1-5, 1963.
- BERLIN, BRENT: Some semantic features of reduplication in Tzeltal. *International Journal of American Linguistics*, 29(3):211-218, 1963.

- DIAZ DE SALAS, MARCELO: Notas sobre la vision del mundo entre los Tzotziles de Venustiano Carranza, Chiapas. *La Palabra y el Hombre*, 26:253-267, 1963.
- HOTCHKISS, JOHN C.: Studies of language and culture in highland Chiapas, Mexico. Proceedings of the American Ethnological Society, p. 32-40, 1963.
- MCQUOWN, NORMAN A.: Indian and ladino bilingualism: Sociocultural contrasts in Chiapas, Mexico. *Georgetown Monograph Series in Languages and Linguistics*, 15:85-106, 1962.
- MEDINA HERNANDEZ, ANDRES: Caracteristicas del "Subdesarrollo" en una comunidad indigena de los altos de Chiapas. *Tlatoani*, 16:17-23, 1962.
- MEDINA HERNANDEZ, ANDRES: Magia y religion entre los Tzeltales y Tzotziles. *Epoca*, 1:9-12, 1963.
- MONTAGU, ROBERTA, and HUNT, EVA V.: Nombre, autoridad y el sistema de creencias en los altos de Chiapas. *Estudios de Cultura Maya*, 2:141-147, 1962.
- MH-3848 (R01) HAMMOND, KENNETH R., and TODD, FREDERICK, J.: Cognitive centrality and person perception. University of Colorado, Boulder, Colo. (1960-63)
- TODD, F. J., and RAPPOPORT, L.: A cognitive structure approach to person perception: A comparison of two models. *Journal of Abnormal and Social Psychology*, 68:469-478, 1964.
- MH-3849 (R01) BOWER, GORDAN H.: The learning of observing responses. Stanford University, Stanford, Calif. (1960-63)
- BOWER, G. H.: Properties of the one-element model as applied to paired-associate learning. Stanford, Calif., Institute for Mathematical Studies in the Social Sciences, Psychology series, Stanford University, 1960, 34 p. (Technical Report No. 31)
- BOWER, G. H.: Application of the all-or-none conditioning model to the learning of compound responses. Stanford, Calif., Institute for Mathematical Studies in the Social Sciences, Psychology series, Stanford University, 1961, 37 p. (Technical Report No. 37)
- BOWER, G. H.: General three-state Markov learning models. Stanford, Calif., Institute for Mathematical Studies in the Social Sciences, Psychology series, Stanford University, 1961, 16 p. (Technical Report No. 41)
- BOWER, G. H.: A contrast effect in differential conditioning. *Journal of Experimental Psychology*, 62(2):196-199, 1961.
- BOWER, G. H.: Application of a model to paired-associate learning. *Psychometrika*, 26(3):255-280, 1961.
- BOWER, G. H.: The influence of graded reductions in reward and prior frustrating events upon the magnitude of the frustration effect. *Journal of Comparative and Physiological Psychology*, 55(4):582-587, 1962.
- BOWER, G. H.: Response strengths and choice probability: A consideration of two combination rules. In: Proceedings of the International Congress for Logic, Methodology, and Philosophy of Science. Stanford, Calif., Stanford University Press, 1962, p. 400-412.
- BOWER, G. H.: An association model for response and training variables in paired-associate learning. *Psychological Review*, 69(1):34-53, 1962.
- BOWER, G. H.: Secondary reinforcement and frustration. *Psychological Reports*, 12:359-362, 1963.
- BOWER, G. H., and KAUFMAN, R.: Transfer across drives of the discriminative effect of a Pavlovian conditioned stimulus. *Journal of the Experimental Analysis of Behavior*, 6:445-448, 1963.
- BOWER, G. H., and TRABASSO, T.: Reversals prior to solution in concept identification. *Journal of Experimental Psychology*, 66:409-418, 1963.
- DEWSON, J. H., III: Avoidance responses to pure tones in the rat. *Psychonomic Science*, 2(5):113-114, 1965.
- THEIOS, J., and BOWER, G. H.: A test of the competing response-interference hypothesis of extinction. *Psychonomic Science*, 1:395-396, 1964.
- TRABASSO, THOMAS, and BOWER, GORDON: Presolution reversal and dimensional shifts in concept identification. *Journal of Experimental Psychology*, 67:398-399, 1964.
- TRABASSO, TOM, and BOWER, GORDON: Component learning in the four-category concept problem. *Journal of Mathematical Psychology*, 1(1):143-169, 1964.
- WERTHEIM, G. A.: Sequential properties of Sidman-avoidance behavior. (Abstract) *Journal of the Experimental Analysis of Behavior*, 7(2):170, 1964.
- MH-3852 (R01) PHARES, E. JERRY: Effects of situational factors on expectancy changes. State University of Kansas, Manhattan, Kans. (1960-62)
- PHARES, E. J.: Expectancy changes under conditions of relative massing and spacing. *Psychological Reports*, 8:199-206, 1961.
- PHARES, E. J.: Perceptual threshold decrements as a function of skill and chance expectancies. *Journal of Psychology*, 53:399-407, 1962.
- PHARES, E. JERRY: Additional effects of massing and spacing on expectancies. *Journal of General Psychology*, 70:215-223, 1964.

- MH-3853 (R01) KAPLAN, BERNARD, and WERNER, HEINZ: Nature of symbol-formation and its role in cognition. Clark University, Worcester, Mass. (1960-63)
- KAPLAN, B.: An approach to the problem of symbolic representation: Non-verbal and verbal. *Journal of Communication*, 11(2):52-62, 1961.
- KAPLAN, B.: Radical metaphor, aesthetic and the origin of language. *Review of Existential Psychology and Psychiatry*, 2(1):75-84, 1962.
- WERNER, H., and KAPLAN, B.: Some experiments in support of an organismic theory of symbol-formation. *Psychol. Beitr.*, 6(3/4):484-491, 1962. (Kohler Festschrift).
- WERNER, H., and KAPLAN, B.: Symbol formation: An organismic-developmental approach to language and the expression of thought. New York, John Wiley, 1963, 530 p.
- MH-3854 (R01) CALVIN, ALLEN D.: Effects of consistent and inconsistent punishment. Hollins College, Hollins College, Va. (1960-62)
- LUBORSKY, L., and SHEVRIN, M. S.: Artificial induction of day residues: An illustration and an examination. *Bulletin of the Philadelphia Association of Psychoanalysis*, 12:149-167, 1962. (Also acknowledges MH-2257).
- MH-3855 (R01) MOLTZ, HOWARD: Influence of imprinting on social behavior. Brooklyn College of the City University of New York, Brooklyn, N.Y. (1960-63)
- MOLTZ, H.: The fixed action pattern: Empirical properties and theoretical implications. *Recent Advances in Biological Psychiatry*, 4:69-85, 1962.
- MOLTZ, H.: Imprinting: An epigenetic approach. *Psychological Review*, 70:123-138, 1963.
- MOLTZ, H.: Contemporary instinct theory and the fixed action pattern. *Psychological Report*, 72: 27-47, 1965.
- MOLTZ, H., and STETTNER, L. J.: The interocular mediation of the following-response after patterned-light deprivation. *Journal of Comparative and Physiological Psychology*, 55:626-632, 1962.
- MH-3857 (R01) DITTES, JAMES E.: Defensive functions of cognitive closure. Yale University, New Haven, Conn. (1960- )
- CAPRA, P. C., and DITTES, J. E.: Birth order as a selective factor among volunteer subjects. *Journal of Abnormal and Social Psychology*, 64:302, 1962.
- GOLLOB, HENRY F., and DITTES, JAMES E.: Effects of manipulated self-esteem on persuasibility depending on threat and complexity of communication. *Journal of Personality and Social Psychology*, 2(2):195-201, 1965.
- MH-3859 (R01) HILGARD, ERNEST R.: Development-interactive aspects of hypnosis. Stanford University, Stanford, Calif. (1961- )
- AS, ARVID, HILGARD, E. R., and WEITZENHOFFER, A. M.: An attempt at experimental modification of hypnotizability through repeated individualized hypnotic experience. *Scandinavian Journal of Psychology*, 4:81-89, 1963.
- BENTLER, P. M.: Interpersonal orientation in relation to hypnotic susceptibility. *Journal of Consulting Psychology*, 27:426-431, 1963.
- BENTLER, P. M., and HILGARD, E. R.: A comparison of group and individual induction of hypnosis with self-scoring and observer-scoring. *International Journal of Clinical and Experimental Hypnosis*, 11:49-54, 1963.
- BENTLER, P. M., O'HARA, J. W., and KRASNER, L.: Hypnosis and placebo. *Psychological Reports*, 12: 153-154, 1963.
- BENTLER, P. M., and ROBERTS, M. R.: Hypnotic susceptibility assessed in large groups. *International Journal of Clinical and Experimental Hypnosis*, 11:93-97, 1963.
- BOUCHER, R. G., and HILGARD, E. R.: Volunteer bias in hypnotic experiments. *American Journal of Clinical Hypnosis*, 5:49-51, 1962.
- HILGARD, E. R.: Impulsive versus realistic thinking: An examination of the distinction between primary and secondary processes in thought. *Psychological Bulletin*, 59:477-488, 1962.
- HILGARD, E. R.: Ability to resist suggestions within the hypnotic state: Responsiveness to conflicting communications. *Psychological Reports*, 12:3-13, 1963.
- HILGARD, ERNEST R.: Profiles of hypnotic ability. *American Journal of Clinical Hypnosis*, 7(2): 136-139, 1964.
- HILGARD, ERNEST R.: The motivational relevance of hypnosis. In: Levine, David, ed. Nebraska symposium on motivation. Lincoln, University of Nebraska Press, 1964, p. 1-44.
- HILGARD, ERNEST R.: Hypnosis. *Annual Review of Psychology*, 16:157-180, 1965.
- HILGARD, E. R., and BENTLER, P. M.: Predicting hypnotizability from the Maudsley Personality Inventory. *British Journal of Psychology*, 54:63-69, 1963.
- HILGARD, ERNEST R., and HILGARD, JOSEPHINE R.: Hypnotic susceptibility. New York, Harcourt, Brace & World, 1965, 434 p.
- HILGARD, E. R., and LAUER, LILLIAN W.: Lack of correlation between the CPI and hypnotic suscep-

- tibility. *Journal of Consulting Psychology*, 26: 331-335, 1962.
- HILGARD, E. R., LAUER, LILLIAN W., and MORGAN, ARLENE H.: Manual for Stanford profile scales of hypnotic susceptibility, Forms I and II. Palo Alto, Calif., Consulting Psychologists Press, 1963, 80 p.
- HILGARD, JOSEPHINE R., HILGARD, E. R., and NEWMAN, MARTHA F.: Sequelae to hypnotic induction with special reference to earlier chemical anesthesia. *Journal of Nervous and Mental Diseases*, 133:461-478, 1961.
- LEE-TENG, EVELYN: Trance-susceptibility, induction-susceptibility, and acquiescence as factors in hypnotic performance. *Journal of Abnormal Psychology*, 70(5):383-389, 1965.
- LIEBERT, ROBERT M., RUBIN, NORMA, and HILGARD, ERNEST R.: The effects of suggestions of alertness in hypnosis on paired-associate learning. *Journal of Personality*, 33(4):605-612, 1965.
- LONDON, PERRY, CONANT, MICHAEL, and DAVISON, GERALD C.: More hypnosis in the un hypnotizable: Effects of hypnosis and exhortation on rote learning. *Journal of Personality*, 34(1):71-79, 1966.
- MELEI, JANET P., and HILGARD, ERNEST R.: Attitudes toward hypnosis, self-predictions, and hypnotic susceptibility. *International Journal of Clinical and Experimental Hypnosis*, 12(2):99-108, 1964.
- MOORE, ROSEMARIE K.: Susceptibility to hypnosis and susceptibility to social influence. *Journal of Abnormal and Social Psychology*, 68:282-294, 1964.
- MOORE, ROSEMARIE K., and LAUER, LILLIAN W.: Hypnotic susceptibility in middle childhood. *International Journal of Clinical and Experimental Hypnosis*, 11:167-174, 1963.
- SLOTNICK, R. S., LIEBERT, R. M., and HILGARD, E. R.: The enhancement of muscular performance in hypnosis through exhortation and involving instructions. *Journal of Personality*, 33(1):37-45, 1965.
- SLOTNICK, R., and LONDON, P.: Influence of instructions on hypnotic and nonhypnotic performance. *Journal of Abnormal Psychology*, 70(1): 38-46, 1965.
- TROFFER, S. A., and TART, C. T.: Experimenter bias in hypnotist performance. *Science*, 145: 1330-1331, 1964.
- WEITZENHOFFER, A. M.: "Credulity" and "skepticism" in hypnotic research: A critical examination of Sutcliffe's thesis and evidence: Part I. *American Journal of Clinical Hypnosis*, 6:137-162, 1963.
- WEITZENHOFFER, A. M.: Explorations in hypnotic time distortion. I. Acquisition of temporal reference frames under conditions of time distortion. *Journal of Nervous and Mental Disease*, 138:354-366, 1964. (Also acknowledges MH-2896).
- WEITZENHOFFER, A. M., and HILGARD, E. R.: Stanford hypnotic susceptibility scale, Form C. Palo Alto, California, Consulting Psychologists Press, 1962.
- WEITZENHOFFER, A. M., and HILGARD, E. R.: Stanford profile scales of hypnotic susceptibility, Forms I and II. Palo Alto, Calif., Consulting Psychologists Press, 1963, 46 p.
- MH-3860 (R01) WIENER, MORTON: Subception or perception of partial cue. Clark University, Worcester, Mass. (1960- )
- BUTTERS, NELSON, WIENER, MORTON, and KELLNER, HAROLD: Schedules of reinforcement and individual differences in learning and recall. *Psychological Reports*, 17(1):3-9, 1965.
- CROMER, WARD, and WIENER, MORTON: Idiosyncratic response patterns among good and poor readers. *Journal of Consulting Psychology*, 30 (1):1-10, 1966.
- KELLNER, H., BUTTERS, N., and WIENER, M.: Mechanisms of defense: an alternative response. *Journal of Personality*, 32:601-621, 1964.
- KEMPLER, B., and WIENER, M.: Personality and perception in the recognition threshold paradigm. *Psychological Review*, 70:349-356, 1963.
- KEMPLER, B., and WIENER, M.: Personality-perception: Characteristic responses to available part-cues. *Journal of Personality*, 32:57-74, 1964.
- OVERTON, WILLIS, and WIENER, MORTON: Visual field position and word-recognition threshold. *Journal of Experimental Psychology*, 71(2):249-253, 1966.
- SCHILLER, P., and WIENER, M.: Binocular and stereoscopic viewing of geometric illusions. *Perceptual and Motor Skills*, 15:739-747, 1962.
- SCHILLER, P., and WIENER, M.: Monoptic and dichoptic visual masking. *Journal of Experimental Psychology*, 66:386-393, 1963.
- STAYTON, SAMUEL E.: Judgmental bias in perception as a function of learned relationships between attributes. *Perceptual and Motor Skills*, 19:351-361, 1964.
- WIENER, MORTON, NIDORF, LOUIS, JONES, AUSTIN, and KARRAS, ATHAN: Verbal reinforcement combinations and examiner-subject interaction in the verbal learning of normal and schizophrenic subjects. *Psychological Reports*, 16(3):Part 1:865-876, 1965.
- WOHLWILL, JOACHIM, F., and WIENER, MORTON: Discrimination of form orientation in young children. *Child Development*, 35:1113-1125, 1964.



- MH-3868 (R10) KRIS, ELSE B.: Five-year community follow-up of discharged patients. New York State Department of Mental Hygiene, New York, N.Y. (1960-63)
- KRIS, ELSE B.: After-care and rehabilitation of patients returned to the community. In: Proceedings of the Third World Congress of Psychiatry. Montreal, University of Toronto Press/McGill University Press, 1961, p. 245-249. (Also acknowledges MH-2700).
- KRIS, ELSE B.: Effects of pharmacotherapy on work and learning ability—A five year follow-up study. *Recent Advances in Biological Psychiatry*, 3:30-34, 1961.
- KRIS, ELSE B.: Five years' experience with the use of drugs and psychotherapy in a community after-care clinic. *American Journal of Public Health*, 52(9):9-12, 1962.
- KRIS, ELSE B.: Post-hospital care of patients in the community. *Current Therapeutic Research*, 4: 200-205, 1962. (Also acknowledges MH-2700).
- KRIS, ELSE B.: Five-year community follow-up of patients discharged from a mental hospital. *Current Therapeutic Research*, 5(9):451-462, 1963.
- MH-3869 (R01) CRANFIELD, PAUL F.: Historical study of problem of mental deficiency. Yeshiva University—Albert Einstein College of Medicine, New York, N.Y. (1960-64)
- CRANFIELD, P. F.: A seventeenth century view of mental deficiency and schizophrenia: Thomas Willis on "Stupidity of foolishness," *Bulletin of History of Medicine*, 35:291-316, 1961.
- CRANFIELD, P. F.: The discovery of cretinism. *Bulletin of the History of Medicine*, 36:489-511, 1962.
- CRANFIELD, P. F.: L'Origine probable de l'introduction du "cretin" dans la langue Ecrite. Un manuscrit de 1750 par le Comte de Maugiron. *Gesnerus*, 19:89-92, 1962.
- CRANFIELD, P. F.: The conquest of cretinism: A fable. *Journal of the Albert Einstein Medical Center*, 10:138-140, 1962.
- CRANFIELD, P. F.: Little known English versions of the Praxis and Observationes of Felix Platter. *Journal of the History of Medicine and Allied Sciences*, 17:309-311, 1962.
- CRANFIELD, P. F., and FEDERN, WALTER: Paracelsus on goiter and cretinism. A translation and discussion of De Struma Vulgo der Kropf. *Bulletin of the History of Medicine*, 37:463-471, 1963.
- CRANFIELD, P. F., and FEDERN, WALTER: A possible source of a passage in The Tempest. *Shakespeare Quarterly*, 14:90-92, 1963.
- MH-3870 (R01) DAMAS, DAVID J.: Role of social structure in psychological stability. University of Chicago, Chicago, Ill. (1960-61)
- DAMAS, DAVID: Igluligmiut kinship and local groupings: A structural approach. National Museum of Canada, Bulletin No. 196, 1963, 216 p.
- DAMAS, DAVID: The patterning of the Iglulingmiut kinship system. *Ethnology*, 3(4):377-388, 1964.
- HELM, JUNE, and DAMAS, DAVID: The contact-traditional all-native community of the Canadian North: The upper Mackenzie "Bush" Athapaskans and the Igluligmiut. *Anthropologica, N.S.*, 5(1): 1963, 21 p.
- MH-3874 (R01) FRENCH, JOHN R., JR.: Job environment and employee health and performance. (1960-61)
- FRENCH, J. R. P., JR., KAHN, ROBERT L., and MANN, FLOYD C., eds.: Work, health, and satisfaction. *Journal of Social Issues*, 18(3), 1962. (Also acknowledges MH-3346 and MH-9132).
- KAHN, R. L., WOLFE, D. M., QUINN, R. P., SNOCK, J. D., and ROSENTHAL, R. A.: Organizational stress: Studies in role conflict and ambiguity. New York, Wiley & Sons, 1964, 470 p. (Also acknowledges MH-3346 and MH-9132).
- KASL, S. V., and FRENCH, J. R. P.: The effects of occupational status on physical and mental health. *Journal of Social Issues*, 18:67-89, 1962.
- MH-3876 (R01) MILLS, THEODORE M.: Effects of authority relations upon group process. Yale University, New Haven, Conn. (1960- )
- MILLS, THEODORE M.: A sleeper variable in small groups research: The experimenter. *Pacific Sociological Review*, 5(1):21-28, 1962.
- MH-3878 (R10) GEIGER, RUTH S., and ABOOD, LEO G.: Action of neurotropic drugs on mammalian brain cells. University of Illinois, Chicago, Ill. (1961-63)
- GEIGER, R. S.: Neural physiopathology. In: Grenell, R., ed. *Progress in neurobiology*. New York, Hoeber-Harper, 1962, p. 345-348.
- GEIGER, R. S., and STONE, W. G.: The presence of cholinesterases in long-term cultures and subcultures of adult mammalian brain cells. (Abstract) *Acta Neurologica Scandinavica*, 38(Suppl. 1):67, 1962.
- GEIGER, R. S., and STONE, W. G.: Demonstration of the presence of cholinesterases in long-term cultures and subcultures of adult mammalian brain cells. (Abstract) *Federation Proceedings*, 21: 366, 1962.
- GEIGER, R. S., and STONE, W. G.: Localization of cholinesterases in adult mammalian brain cell cul-

- tures. *International Journal of Neuropsychopharmacology*, 1:295-302, 1962.
- MH-3880 (R01) LANG, PETER J., and LAZOVIK, A. DAVID: Systematic desensitization therapy. University of Pittsburgh, Pittsburgh, Pa. (1960-64)
- GEER, JAMES H.: Measurement of the conditioned cardiac response. *Journal of Comparative and Physiological Psychology*, 57:426-433, 1964.
- LANG, PETER J.: Behavior therapy with a case of nervous anorexia. In: Ullmann, L. P., and Krasner, L., eds. *Case studies in behavior modification*. Chicago, Holt, Rinehart & Winston, 1965, 10 page reprint.
- LANG, P. J., GEER, J., and HNATOW, M.: Semantic generalization of conditioned autonomic responses. *Journal of Experimental Psychology*, 65:552-558, 1963.
- LANG, P. J., and HNATOW, M.: Stimulus repetition and the heart rate response. *Journal of Comparative and Physiological Psychology*, 55:781-785, 1962.
- LANG, P. J., and LAZOVIK, A. D.: Personality and hypnotic susceptibility. *Journal of Consulting Psychology*, 26:317-322, 1962.
- LANG, P. J., and LAZOVIK, A. D.: Experimental desensitization of a phobia. *Journal of Abnormal and Social Psychology*, 66:519-525, 1963.
- MH-3881 (R01) WEBB, WILSE B.: Antecedent determinants of the sleep response. University of Florida, Gainesville, Fla. (1961- )
- DILLON, RICHARD F., and WEBB, WILSE B.: Threshold of arousal from "activated" sleep in the rat. *Journal of Comparative and Physiological Psychology*, 59(3):446-447, 1965.
- JOHNSON, FRANK, and WEBB, WILSE B.: Microsleep responses in the rat. *Psychonomic Science*, 3(11):499-500, 1965.
- LEVITT, R. A.: Sleep as a conditioned response. *Psychonomic Science*, 1:273-274, 1964.
- LEVITT, ROBERT A.: Recovery from prolonged barbiturate sleep in the rat. *Psychonomic Science*, 4(11):393-394, 1966.
- LEVITT, ROBERT A., and WEBB, WILSE B.: Effect of infantile treadmill experience on body-weight and resistance to exhaustion in the rat. *Nature*, 208(5015):1128-1129, 1965.
- SWISHER, JOHN E.: Manifestations of "activated" sleep in the rat. *Science*, 138(3545):1110, 1962.
- WEBB, W. B.: Some effects of prolonged sleep deprivation on the hooded rat. *Journal of Comparative and Physiological Psychology*, 55:791-793, 1962.
- WEBB, W. B.: Sleep deprivation, age, and exhaustion time in the rat. *Science*, 136(3522):1122, 1962.
- WEBB, W. B., and ADES, H.: Sleep tendencies: Effects of barometric pressure. *Science*, 143:263-264, 1964.
- WEBB, W. B., and STONE, W.: A note on the sleep responses of young college adults. *Perceptual and Motor Skills*, 16:162, 1963.
- MH-3882 (R01) ROTHENBUHLER, WALTER C.: Genetic bases of behavior differences. Iowa State University, Ames, Iowa. (1960-62) (Continued as MH-7927).
- JONES, R. L., and ROTHENBUHLER, W. C.: Behaviour genetics of nest cleaning in honey bees. II. Responses of two inbred lines to various amounts of cyanide-killed brood. *Animal Behaviour*, 12:584-588, 1964. (Also acknowledges MH-7927).
- ROTHENBUHLER, W. C.: Behaviour genetics of nest cleaning in honey bees. I. Responses of four inbred lines to disease-killed brood. *Animal Behaviour*, 12:578-583, 1964. (Also acknowledges MH-7927).
- MH-3885 (R01) GOODENOUGH, DONALD R.: Studies of dream recall. State University of New York—Downstate Medical Center, Brooklyn, N.Y. (1960- )
- GOODENOUGH, D. R., IV: Cyclical fluctuations in sleep-depth and eye-movement activity during the course of natural sleep. *Canadian Psychiatric Association Journal*, 8:406-408, 1963.
- GOODENOUGH, DONALD R., LEWIS, HELEN B., SHAPIRO, ARTHUR, LEROY, JARRET, and SLESER, IRVING: Dream reporting following abrupt and gradual awakenings from different types of sleep. *Journal of Personality and Social Psychology*, 2(2):170-179, 1965. (Also acknowledges MH-5518).
- GOODENOUGH, DONALD R., LEWIS, HELEN B., SHAPIRO, ARTHUR, and SLESER, IRVING: Some correlates of dream reporting following laboratory awakenings. *Journal of Nervous and Mental Disease*, 140(5):365-373, 1965. (Also acknowledges MH-5518).
- LEWIS, HELEN B., GOODENOUGH, DONALD R., SHAPIRO, ARTHUR, and SLESER, IRVING: Individual differences in dream recall. *Journal of Abnormal Psychology*, 71(1):52-59, 1966. (Also acknowledges MH-5518).
- RECHTSCHAFFEN, A., GOODENOUGH, D. R., and SHAPIRO, A.: Patterns of sleep talking. *Archives of General Psychiatry*, 7:418-426, 1962. (Also acknowledges MH-4151).

- SHAPIRO, ARTHUR, GOODENOUGH, DONALD R., BIEDERMAN, IRVING, and SLESER, IRVING: Dream recall and the physiology of sleep. *Journal of Applied Physiology*, 19(4):778-783, 1964.
- SHAPIRO, A., GOODENOUGH, D. R., and GRYLER, R. B.: Dream recall as a function of method of awakening. *Journal of Psychosomatic Medicine*, 25:174-180, 1963.
- SHAPIRO, ARTHUR, GOODENOUGH, DONALD, LEWIS, HELEN B., and SLESER, IRVING: Gradual arousal from sleep: A determinant of thinking reports. *Psychosomatic Medicine*, 27(4):342-349, 1965. (Also acknowledges MH-5518).
- MH-3889 (R01) SARASON, IRWIN G.: Test anxiety, difficulty, and experimental conditions. University of Washington, Seattle, Wash. (1961-64)
- ADAMS, ELSIE B., and SARASON, I. G.: The relationship between anxiety in children and their parents. *Child Development*, 34:237-246, 1963.
- SARASON, I. G., and GANZER, V. J.: Effects of test anxiety and reinforcement history on verbal behavior. *Journal of Abnormal and Social Psychology*, 67:513-519, 1963.
- WALTER, D., DENZLER, L. S., and SARASON, I. G.: Anxiety and the intellectual performance of high school students. *Child Development*, 35:917-926, 1964.
- WINKEL, GARY H., and SARASON, IRWIN G.: Subject, experimenter, and situational variables in research on anxiety. *Journal of Abnormal and Social Psychology*, 68:601-608, 1964.
- MH-3890 (R01) WEILAND, I. HYMAN, and LEGG, DONALD R.: Language development in childhood schizophrenia. Eastern Pennsylvania Psychiatric Institute, Philadelphia, Pa. (1960-62)
- WEILAND, I. HYMAN, and LEGG, DONALD R.: Formal speech characteristics as a diagnostic aid in childhood psychosis. *American Journal of Orthopsychiatry*, 34:91-94, 1964.
- WEILAND, HYMAN, and RUDNICK, ROBERT: Considerations of the development and treatment of autistic childhood psychosis. *Psychoanalytic Study of the Child*, 16:549-563, 1961.
- MH-3897 (R01) TAKEMORI, AKIRA E.: Morphine biotransformation and cellular adaptation. State University of New York—Upstate Medical Center, Syracuse, N.Y. (1960-63)
- TAKEMORI, A. E.: Certain enzymic responses to morphine administration in rats. (Abstract) *Pharmacologist*, 2:97, 1960.
- TAKEMORI, A. E.: The effect of morphine on the stimulated cortical slices of brain. (Abstract) *Federation Proceedings*, 22:249, 1963.
- TAKEMORI, A. E.: Effect of withdrawal and nalorphine on cerebral cortical slices adapted to morphine. (Abstract) *Pharmacologist*, 3:66, 1961.
- TAKEMORI, A. E.: Cellular adaptation to morphine in rats. *Science*, 133:1018-1019, 1961.
- TAKEMORI, A. E.: Studies on morphine-adapted cerebral cortical slices of rats. (Abstract) *Federation Proceedings*, 21:177, 1962.
- TAKEMORI, A. E.: Studies on cellular adaptation to morphine and its reversal by nalorphine in cerebral cortical slices of rats. *Journal of Pharmacology*, 135:89-93, 1962.
- TAKEMORI, A. E.: Cross-cellular adaptation to methadone and meperidine in cerebral cortical slices from morphinized rats. *Journal of Pharmacology*, 135:252-255, 1962.
- TAKEMORI, A. E.: The specific adaptation to morphine in cerebral cortical slices of rats. (Abstract) In: Proceedings of the International Union of Physiological Sciences, 22nd International Congress, Leiden, Holland, 1962.
- TAKEMORI, A. E.: Influence of morphine on glucose metabolism of cerebral cortex of rats. (Abstract) *Federation Proceedings*, 22:249, 1963.
- TAKEMORI, A. E.: Cellular adaptation to morphine. (Abstract) *Medical Bulletin* (University of Minnesota), 25:157, 1963.
- TAKEMORI, A. E.: The influence of morphine on glucose utilization in cerebral preparations of rats. *Journal of Pharmacology and Experimental Therapeutics*, 145(1):20-26, 1964.
- TAKEMORI, A. E., and GLOWACKI, G. A.: Studies on glucuronide synthesis in rats chronically treated with morphine and phenol. *Biochemical Pharmacology*, 11:867-870, 1962.
- MH-3898 (R01) GREENBERG, RUVEN, and TOMAN, JAMES E. P.: Histologic correlates of catecholamine depletion. University of Illinois, Chicago, Ill. (1960-64)
- GREENBERG, R., and WIEGRZYNSKI: Effects of acetylcholine and calcium ions on the spontaneous release of adrenaline and catecholamine granules. (Abstract) *Federation Proceedings*, 23:350, 1964.
- MH-3903 (R01) SCOTT, GEORGE T.: Physiological influences of psychoactive drugs. Oberlin College, Oberlin, Ohio. (1960- )
- CLARK, RICHARD L., and SCOTT, GEORGE T.: Influence of brain lesions on melanocyte dispersion. (Abstract) *Biological Bulletin*, 123(2):491-492, 1962.
- SCOTT, GEORGE T.: Melanophora dispersing action of ataraxic drugs. (Abstract) *Biological Bulletin*, 117(2):400, 1959. (Also acknowledges MH-3898)

- SCOTT, GEORGE T.: Suppression of melanocyte dispersion in the frog by psychic energizers. *Nature*, 193(4815):552-554, 1962.
- SCOTT, GEORGE T., CLARK, RICHARD L., and HICKMAN, JAMES C.: Mechanism of chromatophore control in the common sand flounder "Scophthalmus aquosus." (Abstract) *Biological Bulletin*, 123(2):486-487, 1962.
- SCOTT, G. T., CLARK, R. L., and HICKMAN, J. C.: Drugs causing localized lightening and darkening of the common sand dab, *Scophthalmus aquosus*. (Abstract) *Biological Bulletin*, 123:511, 1962.
- SCOTT, GEORGE T., and HICKMAN, JAMES C.: Pharmacological studies relating to chemical mediation at the chromato-neural junction in the sand flounder, "Scophthalmus aquosus." (Abstract) *Biological Bulletin*, 125(2):391, 1963.
- SCOTT, GEORGE T., and NADING, LEWIS K.: Relative effectiveness of phenothiazine tranquilizing drugs causing release of MSH. *Society for Experimental Biology and Medicine*, 106:88-90, 1961.
- MH-3906 (R03) LEVINE, MARVIN: Discrimination learning following stimulus adaptation. Indiana University, Bloomington, Ind. (1960-61)
- LEVINE, MARVIN: Cue neutralization: The effects of random reinforcements upon discrimination learning. *Journal of Experimental Psychology*, 63: 438-443, 1962.
- MH-3909 (R01) LANZETTA, JOHN T., and KANAREFF, VERA T.: Choice behavior studies in conflict situations. University of Delaware, Newark, Del. (1960-63)
- KANAREFF, V. T., and LANZETTA, J. T.: Effectiveness of social reinforcement in isolation and in conjunction with a conflicting task reinforcement. *Psychological Reports*, 12:883-897, 1963.
- LANZETTA, J. T., and KANAREFF, V. T.: The effects of congruent and conflicting social and task feedback on the acquisition of an imitative response. *Journal of Experimental Psychology*, 62(4):322-328, 1961.
- MH-3911 (R01) SIEGEL, ALBERTA E.: Professionally trained women and their children. Pennsylvania State University, University Park, Pa. (1960-63)
- SIEGEL, ALBERTA E., ed.: Research issues related to the effects of maternal employment on children. Pennsylvania, Social Science Research Center, Pennsylvania State University, 1961, 60 p.
- SIEGEL, ALBERTA E., and CURTIS, ELIZABETH A.: Familial correlates of orientation toward future employment among college women. *Journal of Educational Psychology*, 54:33-37, 1963.
- SIEGEL, ALBERTA E., and HAAS, MIRIAM B.: The working mother: A review of research. *Child Development*, 34:513-542, 1963.
- MH-3912 (R01) BROWN, JAMES S., and SCHWARZWELLER, HARRY K.: Social adjustment and personality stability of migrants. University of Kentucky, Lexington, Ky. (1960-64)
- BROWN, JAMES S., SCHWARZWELLER, HARRY K., and MANGALAM, JOSEPH J.: Kentucky mountain migration and the stem-family: An American variation on a theme by Le Play. *Rural Sociology*, 28(1):48-69, 1963.
- MH-3916 (R01) GRINGS, WILLIAM W.: Perceptual factors in emotional conditioning. University of Southern California, Los Angeles, Calif. (1960- )
- GRINGS, W. W.: Classical conditioning. In: Marx, M., ed. *Theories in contemporary psychology*. New York, Macmillan, 1963.
- GRINGS, WILLIAM W., and CARLIN, SIDNEY: Instrumental modification of autonomic behavior. *Psychological Record*, 16(2):153-159, 1966.
- GRINGS, W. W., and LOCKHART, R. A.: Effects of "anxiety-lessening" instructions and differential set development on the extinction of GSR. *Journal of Experimental Psychology*, 66:292-299, 1963.
- GRINGS, WILLIAM W., and LOCKHART, RUSSELL A.: Problems of magnitude measurement with multiple GSRS. *Psychological Reports*, 17(3):979-982, 1965.
- GRINGS, W. W., LOCKHART, R. A., and DAMERON, L. E.: Conditioning autonomic responses of mentally subnormal individuals. *Psychological Monographs*, 76(39):1-35, 1962. (Whole No. 558).
- GRINGS, WILLIAM, UNO, TADAO, and FEINBERG, JOSEPHINE: Component to compound stimulus transfer. *Psychonomic Science*, 3(2):63-64, 1965.
- GRINGS, W. W., and ZEINER, A.: Autonomic responses to words modified by sensitizing and conditioning experiences. *Journal of Psychosomatic Research*, 8(4):373-378, 1965.
- LOCKHART, R. A., and GRINGS, W. W.: Comments on "an analysis of GSR conditioning." *Psychological Review*, 70:562-564, 1963.
- LOCKART, R. A., and GRINGS, W. W.: Inter-stimulus interval effects on GSR discrimination conditioning. *Journal of Experimental Psychology*, 67: 209-214, 1964.
- UNO, TADAO, and GRINGS, WILLIAM W.: Autonomic components of orienting behavior. *Psychological Reports*, 16(1):211-221, 1966.

- MH-3917 (R01) GUTTMAN, NORMAN: Stimulus generalization and its neural correlates. Duke University, Durham, N.C. (1960- )
- BONEAU, C. ALAN, and HONIG, WERNER K.: Opposed generalization gradients based upon conditional discrimination training. *Journal of Experimental Psychology*, 66(1):89-93, 1964. (Also acknowledges MH-2414).
- FRIEDMAN, H.: Wave-length generalization as a function of spacing of test stimuli. *Journal of Experimental Psychology*, 65(4):334-338, 1963.
- FRIEDMAN, H.: Taming of the Virginia opossum. *Nature*, 201(4916):323-324, 1964.
- FRIEDMAN, HERBERT, and GUTTMAN, NORMAN: Further analysis of the various effects of discrimination training on stimulus generalization gradients. In: Mostofsky, David I., ed. *Stimulus generalization*. Stanford, Calif., Stanford University Press, 1965, p. 255-267.
- GUTTMAN, N.: Laws of behavior and facts of perception. In: Koch, S., ed. *Psychology: A study of a science*. Vol. 5. New York, McGraw-Hill, 1963, p. 114-178. (Also acknowledges MH-631 and MH-1002).
- GUTTMAN, NORMAN: Effects of discrimination formation on generalization measured from a positive-rate baseline. In: Mostofsky, David I., ed. *Stimulus generalization*. Stanford, Calif., Stanford University Press, 1965, p. 210-217.
- HONIG, W. K., BONEAU, C. A., BURSTEIN, M. R., and PENNYPACKER, H. S.: Positive and negative generalization gradients obtained after equivalent training conditions. *Journal of Comparative and Physiological Psychology*, 56:111-116, 1963. (Also acknowledges MH-2414).
- MH-3921 (R01) LAMY, MAURICE, and FREZAL, JEAN: Etiologic studies on mental deficiencies. University of Paris—Clinique de Genetique Medicale, Paris, France. (1960-64)
- DRUEZ, G., LAMY, M., FREZAL, J., POLONOVSKI, J., and REY, J.: L'acanthocytose. Ses rapports avec l'absence congenitale de beta-lipoproteines. *Presse Medicale (France)*, 69:1546-1548, 1961.
- FREZAL, J., REY, J., POLONOVSKI, J., LEVY, G., and LAMY, M.: L'absence congenitale de beta-lipoproteines. Etude de l'absorption des graisses apres exsanguino transfusion, mesure de la demivie des beta-lipoproteines injectees. *Revue Francaise d'Etudes Cliniques et Biologiques*, 6:677-683, 1961.
- GENNES, J. L. DE, GROUCHY, J. DE, and LAMY, M.: Dysgenese gonadique et malformations de type turnerien chez un individu phenotypiquement et phenotypiquement et chromosomiquement masculin. *Semaine des Hopitaux de Paris*, 39:794-799, 1963.
- GROUCHY, J. DE, JOSSO, N., GENNES, J. L. DE, HENNEQUET, F., RIBIER, J., FREZAL, J., and LAMY, M.: Mosaïques interessant le chromosome X dans le syndrome de Turner. *La Semaine des Hopitaux*, 39:769-774, 1963.
- GROUCHY, J. DE, JOSSO, N., LAMY, M., FREZAL, J., NEZHELOF, C., and FEINTUCH, G.: Syndrome de Klinefelter chez un nourrisson hypospade. Caryotype a 46 chromosomes. *Semaines des Hopitaux de Paris*, 39:785-789, 1963.
- GROUCHY, J. DE, LAMY, M., AICARDI, J., and PELLERIN, D.: Mosaïques XY/XO chez un pseudohermaphrodite masculin. *Semaine des Hopitaux de Paris*, 39:789-794, 1963.
- GROUCHY, J. DE, LAMY, M., FREZAL, J., and GARCIN, R.: Etude d'un couple de jumeaux monozygotes dont un seul est atteint de myopathie. *Acta Genetica et Gemellogiae*, 12:324-333, 1963.
- GROUCHY, J. DE, LAMY, M., FREZAL, J., and RIBIER, J.: XX/XO mosaics in Turner's syndrome. Two further cases. *Lancet*, 1:1369-1371, 1961.
- GROUCHY, J. DE, LAMY, M., THIEFFRY, S., ARTHUIS, M., and SALMON, C.: Dysmorphie complexe avec oligophrenie: Delétion des bras courts d'un chromosome 17-18. *Comptes Rendus de l'Academie des Sciences*, 256:1028-1029, 1963.
- GROUCHY, J. DE, LAMY, M., YANEVA, H., SALOMON, Y., and NETTER, A.: Further abnormalities of the X chromosome in primary amenorrhoea or in severe obligomenorrhoea. *Lancet*, 2:777-778, 1961.
- GROUCHY, J. DE, MLUNARSKI, J. C., MAROTEAUX, P., LAMY, M., DESHAIES, G., BENICHO, C., and SALMON, C.: Syndrome polydyspondylique par translocation 14-15 et dyschondrostéose chez un même sujet. Segregation familiale. *Comptes Rendus de l'Academie des Sciences*, 256:1614-1616, 1963.
- LAMY, M., AUSSANNAIRE, M., GROUCHY, J. DE, and LALANDE, J.: Mosaïques XXXXY/XXXY dans le syndrome de Klinefelter. *La Semaine des Hopitaux*, 39:779-785, 1963.
- LAMY, M., FREZAL, J., JAMMET, M. L., and JOSSO, N.: La méthémoglobémie congénitale récessive. *Nouvelle Revue Francaise d'Hématologie*, 3:105-120, 1963.
- LAMY, M., FRÉZAL, J., POLONOVSKI, J., DRUEZ, G., and REY, J.: Congenital absence of beta-lipoproteins. *Pediatrics*, 31:277-289, 1963.
- LAMY, M., FRÉZAL, J., POLONOVSKI, J., and REY, J.: L'absence congénitale de lipoprotéines. *Comptes Rendus des Séances de la Société de Biologie (France)*, 154:1974-1979, 1960.
- LAMY, M., FRÉZAL, J., POLONOVSKI, J., and REY, J.: L'absence congénitale de lipoprotéines. *Presse Medicale*, 69:1511-1514, 1961.

- LAMY, M., FRÉZAL, J., and REY, J.: L'absence congénitale de beta-lipoprotéines. *Folia Hereditaria et Pathologica*, 10:275-286, 1961.
- LAMY, M., FREZAL, J., and REY, J.: La fréquence des malformations congénitales. *Semaine des Hôpitaux de Paris*, 37:3456-3462, 1961.
- LAMY, M., FREZAL, J., and REY, J.: Les encephalopathies genetiques. *Sem. Hop. Paris*, 37:3463-3470, Dec. 14, 1961.
- LAMY, M., FREZAL, J., and REY, J.: Les encephalopathies genetiques. *Probl. Act. Pediat.*, 8:45-52, 1963.
- LAMY, M., FREZAL, J., REY, J., and LARSEN, C.: Etude metabolique du syndrome de Lowe. *Revue Française D'Etudes Cliniques et Bibliographiques*, 7: 271-283, 1962.
- REY, J.: L'absence congénitale de beta-lipoprotéines. Paris, R. Foulon and Cie, 1961, 117 p.
- REY, J., MAYER, A., DEYSSON, A., FREZAL, J., and LAMY, M.: Séparation bi-dimensionnelle des acides aminés par électrophorèse en haut voltage et chromatographie sur papier. *Revue Française D'Etudes Cliniques et Biologiques*, 7:877-882, 1962.
- REY, J., POLONOVSKI, J., BARD, D., FRÉZAL, J., and LAMY, M.: Effets chez l'enfant d'une lipoprivation prolongée. *Revue Française D'Etudes Cliniques et Biologiques*, 6:871-875, 1961.
- POLONOVSKI, J., REY, J., BARD, D., FREZAL, J., and LAMY, M.: Modification des lipides plasmatiques après ingestion d'huile chez trois enfants normaux et dans un cas d'absence congénitale de bêta-lipoprotéines. *Review Francais Etudes Clinical Biologic*, 6:1006-1013, 1961.
- MH-3924 (R01) MURPHY, GARDNER, and SANTOS, JOHN F.: Program in reality testing. Menninger Foundation, Topeka, Kan. (1961- )
- FARROW, B. J., and SANTOS, J. F.: A note on recency and perception. *American Journal of Psychology*, 75(4):671-673, 1962.
- FARROW, BOBBY J., and SANTOS, JOHN F.: Changes in autokinetic perception as a function of the transfer of conditioning effects. *British Journal of Psychology*, 53:331-337, 1962.
- FARROW, BOBBY J., and SANTOS, JOHN F.: On conditionability, personality and perception. *Perceptual and Motor Skills*, 15:578, 1962.
- FARROW, BOBBY J., SANTOS, JOHN F., HAINES, JAMES R., SOLLEY, CHARLES M.: Influence of repeated experience on latency and extent of autokinetic movement. *Perceptual and Motor Skills*, 20(3)Part 2:1113-1120, 1965.
- FISCH, R. I., and McNAMARA, H. J.: Conditioning of attention as a factor in perceptual learning. *Perceptual and Motor Skills*, 17:891-907, 1963. (Also acknowledges MH-715).
- GERALI, ARNOLD A., and SNYDER, CHARLES: Non-specific muscular tension and auditory threshold. *Perceptual and Motor Skills*, 14:179-182, 1962.
- HAINES, JAMES R., SANTOS, JOHN F., and FARROW, BOBBY J.: Stability of the autokinetic phenomenon. *Perceptual and Motor Skills*, 21(2):394, 1965.
- McNAMARA, H. J., and FISCH, R. I.: Effect of high and low motivation on two aspects of attention. *Perceptual and Motor Skills*, 19:571-578, 1964.
- McNAMARA, H. J., and FISCH, R. I.: Effect of reward on the attributed meaning of nonsense forms. *Perceptual and Motor Skills*, 20:825-828, 1965.
- McNAMARA, H. J., and FISCH, R. I.: Attributed meaning of an unstructured stimulus. *Perceptual and Motor Skills*, 20(3)Part 1:853-857, 1965.
- McNAMARA, H. J., MURPHY, G., and HARRELL, S. N.: Curiosity and reality contact: A preliminary report. *Perceptual and Motor Skills*, 18:976, 1964.
- McNAMARA, HAROLD J., and SOLLEY, CHARLES M.: Influence of experience upon form constancy. *Perceptual and Motor Skills*, 16:31-37, 1963.
- MANGAN, G. L.: Generalization of perceptual vigilance and defense. *Perceptual and Motor Skills*, 14:171-178, 1962.
- SANTOS, JOHN F., FARROW, BOBBY J., and HAINES, JAMES R.: How attention influences what is perceived: Some experimental evidence. *Bulletin of the Menninger Clinic*, 27:3-14, 1963.
- SANTOS, JOHN F., FARROW, BOBBY J., and HAINES, JAMES R.: Consistency and style of autokinetic movement. *Perceptual and Motor Skills*, 21(2): 583-586, 1965.
- SANTOS, JOHN F., FARROW, BOBBY J., and SOLLEY, CHARLES M.: Exposure frequency and the perception of a reversible perspective. *Perceptual and Motor Skills*, 10:199-209, 1962.
- SANTOS, JOHN F., and MONTGOMERY, JAMES R.: Stability of performance on the color-word test. *Perceptual and Motor Skills*, 15:397-398, 1962.
- SANTOS, JOHN F., and MURPHY, GARDNER: Perceptual learning and reality testing. *Perceptual and Motor Skills*, 13:130, 1961. (Also acknowledges MH-715).
- TAYLOR, J. R., and MANGAN, G. L.: Perceptual learning and verbal meaning. *Perceptual and Motor Skills*, 14:223-229, 1962.
- THETFORD, PAUL E.: Influence of massing and spacing on Necker cube reversals. *Perceptual and Motor Skills*, 16:215-222, 1963.

- THOMAS, ALEY, and SOLLEY, CHARLES M.: Search-discrimination time for missing stimulus information. *Journal of Experimental Psychology*, 65: 501-506, 1963.
- MH-3929 (R01) FISHMAN, VIVIAN, and GOLDENBERG, HARRY: Metabolism of chlorpromazine in psychiatric disorders. Hillside Hospital, Glen Oaks, N.Y. (1960- )
- FISHMAN, V., and GOLDENBERG, H.: Metabolism of chlorpromazine. IV. Identification of 7-Hydroxychlorpromazine and its sulfoxide and desmethyl derivatives. *Proceedings of the Society for Experimental Biology and Medicine*, 112:501-506, 1963.
- FISHMAN, VIVIAN, and GOLDENBERG, HARRY: Side-chain degradation and ring hydroxylation of phenothiazine tranquilizers. *Journal of Pharmacology and Experimental Therapeutics*, 150(1):122-128, 1965. (Also acknowledges MH-4543).
- FISHMAN, V., HEATON, A., and GOLDENBERG, H.: Metabolism of chlorpromazine. III. Isolation and identification of chlorpromazine-n-oxide. *Proceedings of the Society for Experimental Biology and Medicine*, 109:548-552, 1962. (Also acknowledges MH-1305 and MH-4543).
- GOLDENBERG, HARRY, and FISHMAN, VIVIAN: Species dependence of chlorpromazine metabolism. *Proceedings of the Society for Experimental Biology and Medicine*, 108:178-182, 1961. (Also acknowledges MH-2938; MH-2461 and MH-1305).
- GOLDENBERG, H., and FISHMAN, V.: Metabolism of chlorpromazine. V. Confirmation of position 7 as the major site of hydroxylation. *Biochemical and Biophysical Research Communications*, 14: 404-407, 1964. (Also acknowledges MH-4543).
- GOLDENBERG, HARRY, and FISHMAN, VIVIAN: Comments on "7-hydroxychlorpromazine in the urines of schizophrenics receiving chlorpromazine." *Biochemical Pharmacology*, 14(3):365-368, 1965. (Also acknowledges MH-4543).
- GOLDENBERG, H., FISHMAN, V., HEATON, A., and BURNETT, R.: A detailed evaluation of promazine metabolism. *Proceedings of the Society for Experimental Biology and Medicine*, 115:1044-1051, 1964. (Also acknowledges MH-4543).
- MH-3930 (R01) BOSE, AJAY K.: Synthesis of some substituted b-lactams. Stevens Institute of Technology, Hoboken, N.J. (1960- )
- BOSE, A. K., and GARRATT, S.: A new synthesis of barbituric acids. *Journal of the American Chemical Society*, 84(7):1310-1311, 1962.
- BOSE, A. K., and GARRATT, S.: A new synthesis of substituted barbituric acids. *Tetrahedron*, 19:85-89, 1963.
- BOSE, A. K., GARRATT, S., and PELOSI, J. J.: Synthesis of some spirobarbiturates. *Journal of Organic Chemistry*, 28:730-733, 1963.
- BOSE, A. K., and MANHAS, M. S.: Studies on lactams. III. Mechanism of cyclization. *Journal of Organic Chemistry*, 27:1244-1248, 1962.
- BOSE, A. K., MANHAS, M. S., and GHOSH-MAZUN-DAR, B. N.: Studies on lactams. II. A simplified synthesis. *Journal of Organic Chemistry*, 27: 1458-1459, 1962.
- MH-3937 (R01) ROMNEY, A. KIMBALL: Belief and practice in disease and therapy. Stanford University, Stanford, Calif. (1960-63)
- METZGER, DUANE, and WILLIAMS, GERALD E.: A formal ethnographic analysis of Tenejapa Ladinio weddings. *American Anthropologist*, 65 (5):1076-1101, 1963.
- METZGER, DUANE, and WILLIAMS, GERALD: Tenejapa medicine: The curer. *Southwestern Journal of Anthropology*, 19(2):216-234, 1963.
- MH-3939 (R01) BURKE, CLETUS J.: Two-person interactive learning. Indiana University, Bloomington, Ind. (1960-63)
- BURKE, C. J.: Two-person interactive learning: A progress report. In: Criswell, Solomon, & Suppes, eds. *Mathematical methods in small group processes*. Stanford, Calif., Stanford University, 1962, p. 49-68.
- BURKE, C. J., and ZINES, JOSEPH L.: A paired comparison of pair comparisons. *Journal of Mathematical Psychology*, 2(1):53-76, 1965.
- MH-3945 (R01) ZIGLER, EDWARD F.: Rigidity in performance of the feeble-minded. Yale University, New Haven, Conn. (1960-63)
- GREEN, C., and ZIGLER, E.: Social deprivation and the performance of retarded and normal children on a satiation type task. *Child Development*, 33: 499-508, 1962.
- SHALLENBERGER, P., and ZIGLER, E.: Rigidity, negative reaction tendencies, and cosatiation effects in normal and feeble-minded children. *Journal of Abnormal and Social Psychology*, 63:20-26, 1961. Also in: Lipsitt, L., and Palermo, D., eds. *Research readings in child psychology*. New York, Holt, Rinehart, & Winston, 1963, p. 163-172.
- SHEPPS, R., and ZIGLER, E.: Social deprivation and rigidity in the performance of organic and familial retardates. *American Journal of Mental Deficiency*, 67:262-268, 1962.
- TENURE, J., and ZIGLER, E.: Outer-directedness in the problem solving of normal and retarded children. *Journal of Abnormal and Social Psychology*, 69:427-436, 1964.

- ZIGLER, EDWARD F.: An overview of research in learning, motivation, and perception. *Exceptional Children*, 28:455-458, 1962.
- ZIGLER, EDWARD: Social deprivation in organic and familial retardates. *Psychological Reports*, 10: 370, 1962.
- ZIGLER, EDWARD: Rigidity in the feeble-minded. In: Trapp, E., and Himmelstein, P., eds. *Research readings on the exceptional child*. New York, Appleton-Century-Crofts, 1962, p. 142-162.
- ZIGLER, E.: Social reinforcement, environmental conditions, and the child. *American Journal of Orthopsychiatry*, 33(4):614-623, 1963.
- ZIGLER, EDWARD: Rigidity and social reinforcement effects in the performance of institutionalized normal and retarded children. *Journal of Personality*, 31:258-269, 1963.
- ZIGLER, EDWARD: The effect of social reinforcement on normal and socially deprived children. *Journal of Genetic Psychology*, 104:235-242, 1964.
- ZIGLER, EDWARD, and DELABRY, J.: Concept-switching in middle class, lower class, and retarded children. *Journal of Abnormal and Social Psychology*, 65:267-273, 1962.
- ZIGLER, E., and KANZER, P.: The effectiveness of two classes of verbal reinforcers on the performance of middle and lower class children. *Journal of Personality*, 30:157-163, 1962.
- ZIGLER, EDWARD, and UNELL, E.: Concept-switching in normal and feeble-minded children as a function of reinforcement. *American Journal of Mental Deficiency*, 66:651-657, 1962.
- ZIGLER, EDWARD, and WILLIAMS, J.: Institutionalization and the effectiveness of social reinforcement: A three year follow-up study. *Journal of Abnormal and Social Psychology*, 66:197-205, 1963.
- MH-3950 (R01) SUTCLIFFE, JOHN P.: The relation of imagery and fantasy to hypnosis. University of Sydney, Sydney, Australia. (1960-64)
- AUSTIN, M., PERRY, C. W., SUTCLIFFE, J. P., and YEOMANS, N.: Can somnambulists successfully simulate hypnotic behaviour without becoming entranced? *International Journal of Clinical and Experimental Hypnosis*, 11:175-186, 1963.
- SINGER, G., and SHEEHAN, P. W.: The effect of demand characteristics on the figural after-effect with real and imaged inducing figures. *American Journal of Psychology*, 78(1):96-101, 1965.
- SUTCLIFFE, J. P.: A probability model for errors of classification. I. General considerations. *Psychometrika*, 30(1):73-96, 1965.
- SUTCLIFFE, J. P.: A probability model for errors of classification. II. Particular cases. *Psychometrika*, 30(2):129-155, 1965.
- SUTCLIFFE, J. P., and JONES, JEAN A.: Personal identity, multiple personality and hypnosis. *International Journal of Clinical and Experimental Hypnosis*, 10:231-269, 1962.
- MH-3951 (R01) FORSHAM, PETER H.: Central nervous control of corticotropin release. University of California, San Francisco, Calif. (1960-63)
- BEISEL, WILLIAM R., COS, JUAN J., HORTON, RICHARD, CHAO, PING YU, and FORSHAM, PETER H.: Physiology of urinary cortisol excretion. *Journal of Clinical Endocrinology and Metabolism*, 24(9):887-893, 1964.
- BEISEL, W., DIRAIMONDO, V., and CHAO, P.: The relative constancy of cortisol binding in different states of thyroid function. (Abstract) *Clinical Research*, 10:399, 1962.
- GOLD, E., KENT, J., and FORSHAM, P. H.: Studies of pituitary adrenal relationship in man with an 11-B-hydroxylase inhibitor (SU-4885). (Abstract) In: 1st International Congress on Endocrinology, Copenhagen, July 1960, p. 353.
- GOLD, E. M., KENT, J. R., and FORSHAM, P. H.: Clinical use of a new diagnostic agent, Methopyrapone (SU-4885), in pituitary and adrenocortical disorders. *Annals of Internal Medicine*, 54:175-188, 1961.
- ROSNER, J. M., COS, J. J., BIGLIERI, E. G., HANB, S., and FORSHAM, P. H.: Determination of urinary unconjugated cortisol by glass fiber chromatography in the diagnosis of Cushing's syndrome. *Journal of Clinical Endocrinology and Metabolism*, 23:820-827, 1963.
- MH-3958 (R01) KAUFMAN, IRVING: Personality and symptoms in preadolescent delinquency. Tufts University, Boston, Mass. (1960-64)
- KAUFMAN, IRVING, DURKIN, HARRY JR., FRANK, THOMAS, HEIMS, LORA W., JONES, DOROTHEA B., RYTER, ZELDA, STONE, EDWARD, and ZILBACH, JOAN: Delineation of two diagnostic groups among juvenile delinquents: The schizophrenic and the impulse ridden character disorder. *Journal of the American Academy of Child Psychiatry*, 2(2):292-318, 1963.
- MH-3961 (R01) GRUEMER, HANNS-DIETER F.: Phenylalanine metabolism in phenylketonuria. Pineland Hospital and Training Center, Pownall, Maine. (1960-64)
- GRUEMER, H. D.: Formation of hippuric acid from phenylalanine labeled with Carbon 14 in phenylketonuric subjects. *Nature*, 189:63-64, 1961.
- GRUEMER, H. D., KOBLET, H., and WOODARD, C.: Phenylalanine metabolism in the phenylpyruvic condition. I. Distribution, pool size, and turnover rate in human phenylketonuria. *Journal of*



- Clinical Investigation*, 40:1758-1765, 1961. (Also acknowledges MH-2729).
- GRUEMER, H. D., KOBLET, H., and WOODARD, C.: Phenylalanine metabolism in the phenylpyruvic condition. II. An attempt to calculate the daily incorporation of phenylalanine into proteins. *Journal of Clinical Investigation*, 41:61-66, 1962. (Also acknowledges MH-2729).
- GRUEMER, H. D., MERROW, N., and WOODARD, C.: Distribution of  $\alpha$ -amino-isobutyric acid (AIB) in the mammalian organism. (Abstract) *Federation Proceedings*, 22(2):417, 1963.
- MH-3966 (R01) QUARTON, GARDNER C., and TALLAND, GEORGE A.: Effects of drug and task-induced changes on memory. Massachusetts General Hospital, Boston, Mass. (1960-63)
- TALLAND, GEORGE A., and QUARTON, GARDNER C.: Methamphetamine and pentobarbital effects on human motor performance. *Psychopharmacologia*, 8(4):241-250, 1965. (Also acknowledges MH-1608).
- MH-3967 (R01) KURLAND, ALBERT A., and HUANG, CHIAN L.: Chlorpromazine metabolism in psychotic patients. Spring Grove State Hospital, Catonsville, Md. (1960-62)
- HUANG, CHIAN L., and KURLAND, ALBERT A.: A quantitative study of chlorpromazine and its sulfoxides in the urine of psychotic patients. *American Journal of Psychiatry*, 118:428-437, 1961.
- HUANG, CHIAN L., and KURLAND, ALBERT A.: Chlorpromazine blood levels in psychotic patients. *Archives of General Psychiatry*, 5:509-513, 1961.
- HUANG, CHIAN L., SANDS, FREEMAN L., and KURLAND, ALBERT A.: Urinary Thorazine metabolites in psychotic patients. *Archives of General Psychiatry*, 8:301-307, 1963.
- MH-3968 (R01) EIDUSON, SAMUEL, BRILL, NORMAN Q., COHEN, SIDNEY, and GELLER, EDWARD: Identification of phenothiazine metabolites. University of California, Los Angeles, Calif. (1960-64)
- EIDUSON, S., and GELLER, E.: The excretion and metabolism of  $S^{35}$ -labeled thioridazine in urine, blood, bile, and feces. *Biochemical Pharmacology*, 12:1429-1435, 1963.
- EIDUSON, S., GELLER, E., and COHEN, S.: Excretion and metabolism of  $S^{35}$ -labeled thioridazine in humans. *Transactions of the Sixth Research Conference on Chemotherapy Studies in Psychiatry and Research Approaches to Mental Illness* (Veterans Administrations), 6:75-79, 1961.
- EIDUSON, S., GELLER, E., and WALLACE, R. D.: Quantitative determination and excretion of some phenothiazine-type drugs in neuropsychiatric patients. *Biochemical Pharmacology*, 12:1437-1439, 1963.
- KOEGLER, RONALD R., COLBERT, EDWARD C., and EIDUSON, SAMUEL: Wanted: A biochemical test for schizophrenia. *California Medicine*, 94(1):26-29, 1961.
- MH-3972 (R01) NEUGARTEN, BERNICE L.: Factors related to mental health in middle-aged women. University of Chicago, Chicago, Ill. (1961-63)
- NEUGARTEN, BERNICE L., and KRAINES, RUTH J.: "Menopausal symptoms" in women of various ages. *Psychosomatic Medicine*, 27(3):266-273, 1965.
- NEUGARTEN, BERNICE L., WOOD, VIVIAN, KRAINES, RUTH J., and LOOMIS, BARBARA: Women's attitudes toward the menopause. *Vita Humana*, 6:140-151, 1963.
- MH-3979 (R01) ROBERTS, WARREN M.: Central mechanisms of emotions. Syracuse University, Syracuse, N.Y. (1960-62) (Continued as 6901).
- ROBERTS, W. W.: Fear-like behavior elicited from dorsomedial thalamus of cat. *Journal of Comparative and Physiological Psychology*, 55:191-197, 1962. (Also acknowledges MH-6901).
- ROBERTS, W. W., and CAREY, R. J.: Effect of dorsomedial thalamic lesions on fear in cats. *Journal of Comparative and Physiological Psychology*, 56:950-958, 1963. (Also acknowledges MH-6901).
- ROBERTS, WARREN W., and CAREY, ROBERT J.: Rewarding effect of performance of gnawing aroused by hypothalamic stimulation in the rat. *Journal of Comparative and Physiological Psychology*, 59(3):317-325, 1965.
- ROBERTS, W. W., DEMBER, W. N., and BRODWICK, M.: Alternation and exploration in rats with hippocampal lesions. *Journal of Comparative and Physiological Psychology*, 55:695-700, 1962. (Also acknowledges MH-6901).
- ROBERTS, W. W., and KIESS, H. O.: Motivational properties of hypothalamic aggression in cats. *Journal of Comparative and Physiological Psychology*, 58:187-193, 1964.
- MH-3983 (R01) MANN, FLOYD C.: Technological change and mental health. University of Michigan, Ann Arbor, Mich. (1960-60)
- MANN, F. C.: Psychological and organizational impacts of automation and technological change. In: Dunlop, John T., ed. *Automation and technological change*. Englewood Cliffs, N.J., Prentice Hall, 1962, p. 43-65.
- MANN, F. C., and WILLIAMS, LAWRENCE K.: Observations on the dynamics of a change to elec-

- tronics data processing equipment. *Administrative Science Quarterly*, 5:217-256, 1960.
- MANN, F. C., and WILLIAMS, LAWRENCE K.: Some effects of the changing work environment in the office. *Journal of Social Issues*, 18(3):90-101, 1962.
- MH-3986 (R01) PULVER, SYDNEY E.: Recovery of subliminal stimuli in hypnotic imagery. Pennsylvania Hospital, Philadelphia, Pa. (1960-62)
- PULVER, SYDNEY E., and EPPES, BENNETT: The Poetzl phenomenon: Some further evidence. *Journal of Nervous and Mental Diseases*, 136(6):527-534, 1963.
- MH-3987 (R01) WINITZ, HARRIS, and SPRADLIN, JOSEPH: The vocal learning of infants. University of Kansas, Lawrence, Kans. (1960-63)
- WINITZ, HARRIS: Temporal reliability in articulation testing. *Journal of Speech and Hearing Disorders*, 28:247-251, 1963.
- WINITZ, HARRIS: Research in articulation and intelligence. *Child Development*, 35:287-297, 1964.
- WINITZ, HARRIS, and BELLEROSE, BETTY: Sound discrimination as a function of pretraining conditions. *Journal of Speech and Hearing Research*, 5:340-348, 1962.
- WINITZ, HARRIS, and BELLEROSE, BETTY: Effects of pretraining with varied stimuli on sound discrimination learning. *Journal of Speech and Hearing Research*, 6:171-180, 1963.
- WINITZ, HARRIS, and BELLEROSE, BETTY: Phoneme generalization as a function of phoneme similarity and verbal unit of test and training stimuli. *Journal of Speech and Hearing Research*, 6:379-392, 1963.
- WINITZ, HARRIS, and DARLEY, F. L.: Age of first word: Review of research. *Journal of Speech and Hearing Disorders*, 26:272-290, 1961.
- WINITZ, HARRIS, and LAWRENCE, M.: Children's articulation and sound learning ability. *Journal of Speech and Hearing Research*, 4:259-268, 1961.
- WINITZ, HARRIS, SIEGEL, G., and CONKEY, H.: The influence of testing instrument on articulatory responses of children. *Journal of Speech and Hearing Disorders*, 28:67-76, 1963.
- MH-3993 (R10) WHITTIER, JOHN R., and HAYDU, GEORGE G.: Comparative trial of antidepressant drugs. Creedmoor State Hospital, New York, N.Y. (1960-63)
- HAYDU, G. G., WHITTIER, J. R., GOLDSCHMIDT, L., and KORENYI, C.: Differential therapeutic results of three antidepressant medications according to fixed or functional schedules. *Journal of Nervous Mental Diseases*, 139:475-478, 1964.
- KORENYI, CHARLES, WHITTIER, JOHN R., HAYDU, GEORGE G., and GOLDSCHMIDT, LEONTINE: Ecophil count in depression. *Diseases of the Nervous System*, 25:87-89, 1964.
- WHITTIER, J. R., KORENYI, C., GOLDSCHMIDT, L., and HAYDU, G.: The serum cholesterol "slide" test in depression. *Psychosomatics*, 5:27-33, 1964.
- MH-3994 (R01) SEIDEL, ROBERT J.: Nature of the mediator in verbal learning. Denison University, Granville, Ohio. (1960-61)
- SEIDEL, ROBERT J.: The importance of the S-R of the verbal mediator in mediate association. *Canadian Journal of Psychology*, 16(3):170-172, 1962.
- SEIDEL, ROBERT J.: Role of repetition and reinforcement in learning. *Psychological Reports*, 13:815-822, 1963.
- SEIDEL, ROBERT J.: RTT paradigm: No panacea for theories of associative learning. *Psychological Review*, 70(6):565-572, 1963.
- MH-3997 (R01) LITTMAN, RICHARD A.: Immediate and delayed effects of severe trauma. University of Oregon, Eugene, Ore. (1960-62)
- LITTMAN, RICHARD A., and HSIEH, MEI-FUN: Relations between exploration and length of alley. *Journal of Comparative and Physiological Psychology*, 57:214-216, 1964.
- LITTMAN, RICHARD A., and STEVENS, DAVID A.: Early trauma, number of animals in a cage, and avoidance learning. *Journal of Genetic Psychology*, 107:127-132, 1965.
- LITTMAN, R. A., STEVENS, D. A., and WHITTIER, J. L.: Previous shock experience and response threshold to shock. *Canadian Journal of Psychology*, 18(2):93-100, 1964.
- MEYERS, WILLIAM J., LEARY, ROBERT W., and LITTMAN, RICHARD A.: Free-choice exploration: Decreased responsiveness to illumination from prior experience. *Journal of Comparative and Physiological Psychology*, 60(2):297-298, 1965.
- WHITTIER, JAMES L., and LITTMAN, RICHARD A.: Very early weaning, weaning stimulation, and the adult exploratory and avoidance behaviour of white rats. *Canadian Journal of Psychology*, 15(4):288-303, 1965.
- MH-3999 (R01) ELDRED, STANLEY H.: Social and individual systems in schizophrenia. McLean Hospital, Belmont, Mass. (1960-64)
- ELDRED, S. H., BELL, N. W., SHERMAN, L. J., and LONGBAUGH, R. H.: Classification and analysis of interaction patterns on a ward for chronic schizophrenics. In: Riorch, David M., and Weinstein, Edwin A., eds. *Disorders of communication*.

- tion. Baltimore, Williams & Wilkins, 1964, p. 381-386.
- LONGABAUGH, RICHARD, ELDRED, STANLEY H., BELL, NORMAN W., and SHERMAN, LEWIS J.: The interactional world of the chronic schizophrenic patient. *Psychiatry*, 29(1):78-99, 1966.
- SHERMAN, LEWIS J., ELDRED, STANLEY H., BELL, NORMAN W., and LONGABAUGH, RICHARD H.: A revised use of the multidimensional scale for rating psychiatric patients. *Journal of Clinical Psychology*, 22(2):248-251, 1966.
- MH-4000 (R01) BEACH, FRANK A.: Determinants of species-specific behavior. University of California, Berkeley, Calif. (1960- )
- BEACH, F. A.: Reproductive anatomy and mating behavior of an intersex rat. *Journal of Mammalogy*, 44:57-61, 1963.
- BEACH, F. A., and WILSON, J. R.: Mating behavior in male rats after removal of the seminal vesicles. *Proceedings of the National Academy of Sciences*, 49:624-626, 1963.
- BURT, G. S.: Strain differences in picrotoxin seizure threshold. *Nature*, 193:301-302, 1962.
- KUEHN, R., and BEACH, F. A.: Quantitative measurements of sexual receptivity in female rats. *Behaviour*, 21:282-299, 1963.
- SACHS, BENJAMIN D.: Sexual behavior of male rats after one to nine days without food. *Journal of Comparative and Physiological Psychology*, 60(1):144-146, 1965.
- WHALEN, R. E.: Strain differences in the sexual behavior of the male rat. *Behaviour*, 8:199-204, 1961.
- WILSON, JAMES R., ADLER, NORMAN, and LE BOEUF, BURNEY: The effects of intromission frequency on successful pregnancy in the female rat. *Proceedings of the National Academy of Sciences*, 53(6):1392-1395, 1965.
- WILSON, J., and BEACH, F. A.: Effects of prolactin, progesterone, and estrogen on reactions of non-pregnant rats to foster young. *Psychological Reports*, 13:231-239, 1963.
- WILSON, J., KUEHN, R., and BEACH, F. A.: Modification in the sexual behavior of male rats produced by changing the stimulus female. *Journal of Comparative and Physiological Psychology*, 56:636-644, 1963.
- MH-4001 (R01) STRUPP, HANS H.: Second conference on research in psychotherapy. American Psychological Association, Washington, D.C. (1960-62)
- STRUPP, H. H., and LUBORSKY, L., eds.: Research in psychotherapy, Volume 2. Washington, D.C., American Psychological Association, 1962, 342 p.
- MH-4003 (R01) REYNOLDS, ROBERT W.: Neurophysiology and pharmacology of hunger motivation. University of California, Berkeley, Calif. (1960-61)
- ADLER, NORMAN, and BERMANT, GORDON: Sexual behavior of male rats: Effects of reduced sensory feedback. *Journal of Comparative and Physiological Psychology*, 61(2):240-243, 1966.
- BERMANT, GORDON: Effects of single and multiple enforced intercopolatory intervals on the sexual behavior of male rats. *Journal of Comparative and Physiological Psychology*, 57:398-403, 1964.
- BERMANT, G.: Rat sexual behavior: Photographic analysis of the intromission response. *Psychonomic Science*, 2:65-66, 1965.
- BERMANT, GORDON, and WESTBROOK, WILLIAM H.: Peripheral factors in the regulation of sexual contact by female rats. *Journal of Comparative and Physiological Psychology*, 61(2):244-250, 1966.
- REYNOLDS, R. W.: Ventromedial hypothalamic lesions without hyperphagia. *American Journal of Physiology*, 204:60-62, 1963.
- REYNOLDS, R. W., and CARLISLE, H. J.: The effect of chlorpromazine on food intake in the albino rat. *Journal of Comparative and Physiological Psychology*, 54:354-356, 1961.
- MH-4004 (R03) DONAHOE, JOHN W.: Quantitative study of visual exploratory behavior. University of Kentucky, Lexington, Ky. (1960-61)
- DONAHOE, JOHN W.: The reinforcing effects of variable visual stimulation. *Journal of Genetic Psychology*, 107:205-218, 1965.
- MH-4008 (R03) TUCHMANN-DUPLESSIS, H.: Brain and pituitary changes induced by reserpine. Fondation D'Endocrinologie Embryologique, Paris, France. (1960-61)
- GABE, M., TUCHMANN-DUPLESSIS, H., and MERCIER-PAROT, L.: Influence de la reserpine sur la neurosecretion hypothalamo-hypophysaire du rat albinos. *Comptes Rendus Academie des Sciences*, 252:1857-1859, 1961.
- TUCHMANN-DUPLESSIS, H., GABE, M., and MERCIER-PAROT, L.: Diminution du produit de secretion hypothalamo-neuro-hypophysaire apres injection de reserpine. *Annales d'Endocrinologie*, 23:65-77, 1962.
- TUCHMANN-DUPLESSIS, H., and MERCIER-PAROT, L.: Influence de traitements chroniques de deserpidine sure le cycle oestral et la fertilite du Rat. *Comptes Rendus des Seances de la Societe de Biologie*, 156(3):487-490, 1962.
- TUCHMANN-DUPLESSIS, H., and MERCIER-PAROT, L.: Influence de traitements chroniques de reserpine

- sur la fertilité des parents et de leur descendance. *Comptes Rendus des Seances de la Societe de Biologie*, 156(4):587-590, 1962.
- MH-4010 (R03) MILLER, WALTER B., and SPILLER, BERTRAM: Bases of prestige in delinquent corner gangs. Boston University, Boston, Mass. (1960-61)
- SPILLER, BERTRAM: Some social functions of gangs, 2nd Annual Juvenile Delinquency Prevention and Control Seminar: A report. Special Report No. 121. Lawrence, Kansas, Governmental Research Center, University of Kansas, 1963, p. 18-21.
- SPILLER, BERTRAM: Delinquency and middle class goals. *Journal of Criminal Law, Criminology and Police Science*, 56(4):463-478, 1965.
- MH-4011 (R01) RIESE, WALTHER: Origins of modern psychiatry. Individual, Richmond, Va. (1960- )
- RIESE, HERTHA: Intangibles of psychotherapy: With special reference to the neglected child. *Journal of the American Medical Women's Association*, 19(4):307-310, 1964.
- RIESE, WALTHER: Phenomenology and existentialism in psychiatry: An historical analysis. *Journal of Nervous and Mental Disease*, 132:469-484, 1961.
- RIESE, WALTHER: La pensée morale de Maimonide. Interprétée par les "Huit Chapitres." *Revue d'Histoire de la Médecine Hébraïque* (Paris), 54:149-153, 1961.
- RIESE, WALTHER: Frühe Fassungen und späteres Schicksal des sogenannten Sprachzentrums. *Schweizer Archiv für Neurologie, Neurochirurgie und Psychiatrie*, 88(2):299-314, 1961.
- RIESE, WALTHER: The impact of Romanticism on the experimental method. *Studies in Romanticism* (Boston University), 11(1):11-22, 1962.
- RIESE, WALTHER: Phyloanalysis (Burrow): Its historical and philosophical implications. *Acta Psychiatrie*, 11:5-36, 1963.
- RIESE, WALTHER: La pensée morale de Galien. *Revue Philosophique de la France et de l'Etranger*, 153:331-346, 1963.
- RIESE, WALTHER: The sources of Hughlings Jackson's view on aphasia. *Brain*, 88(4):811-822, 1965.
- RIESE, W.: La theorie des passions a la lumiere de la pensie medicale du xviiie siecle. *Confinia Psychiatrica*, 8(Suppl.):1-74, 1965.
- RIESE, WALTHER: On thought in existentialism. *Journal of Existentialism*, 6(21):89-97, 1965.
- RIESE, WALTHER, and ARRINGTON, G. E.: The history of Johannes Muller's doctrine of the specific energies of the senses, original and later version. *Bulletin of the History of Medicine*, 37:179-183, 1963.
- RIESE, WALTHER, and COLLISON, JOHN: Aphasia in children reconsidered. *Journal of Nervous and Mental Disease*, 138:293-295, 1964.
- MH-4012 (R01) TRUITT, EDWARD B., JR.: Role of acetaldehyde in the action of ethanol. University of Maryland, Baltimore, Md. (1960- )
- DURITZ, G., and TRUITT, E. B.: A rapid method for the simultaneous determination of acetaldehyde and ethanol in blood using gas chromatography. *Quarterly Journal of Studies on Alcohol*, 25:498-510, 1964.
- TRUITT, E. B.: The role of acetaldehyde in the action of alcohol on brain norepinephrine and serotonin. (Abstract) *Federation Proceedings*, 22(2) Part I:272, 1963.
- TRUITT, E. B., and DURITZ, G.: An oscillographic measurement of body sway in the Romberg test applicable to inebriated human subjects. (Abstract) *Federation Proceedings*, 24(2) Part 1:517, 1965.
- TRUITT, EDWARD B., JR., and DURITZ, GILBERT: Gas chromatographically determined blood levels of ethanol and acetaldehyde in healthy and alcoholic human subjects. (Abstract) *Pharmacologist*, 7(2):147, 1965.
- TRUITT, E. B., JR., DURITZ, G., MORGAN, A. M., and PROUTY, R. W.: Disulfiram-like actions produced by hypoglycemic sulfonylurea compounds. *Quarterly Journal of Studies on Alcohol*, 23:197-207, 1962.
- MH-4014 (R01) BESTEMAN, KORST J., O'DONNELL, JOHN A., and STRAUS, ROBERT: A post-hospital study of Kentucky addicts. Public Health Service Hospital, Lexington, Ky. (1960-63)
- O'DONNELL, JOHN A.: A post-hospital study of Kentucky addicts. A preliminary report. *Journal of the Kentucky State Medical Association*, 61(7):573-577 and 604, 1963.
- O'DONNELL, J. A.: A follow-up of narcotic addicts. *American Journal Orthopsychiatry*, 34:948-954, 1964.
- MH-4015 (R01) RUBIN, JOAN: The establishment of Guarani as a national language. Yale University, New Haven, Conn. (1960-61)
- RUBIN, JOAN: Bilingualism in Paraguay. *Anthropological Linguistics*, 4:52-58, 1962.
- RUBIN, JOAN: A bibliography of Caribbean Creole languages. *Caribbean Studies*, 2(4):51-61, 1963.

- MH-4017 (R01) BRONFENBRENNER, URIE, and DEVEREUX, EDWARD C.: Cross-cultural studies of family behavior. Cornell University, Ithaca, N.Y. (1960-61)
- BRONFENBRENNER, URIE: Soviet methods of character education: Some implications for research. *American Psychologist*, 17(8):550-564, 1962.
- BRONFENBRENNER, URIE: Some possible effects of national policy on character development in the United States of America and the Soviet Union. In: Lasswell, H. D., and Cleveland, H. *The ethic of power*. New York, Harper Bros., 1962, p. 293-305.
- BRONFENBRENNER, URIE: Soviet studies of personality development and socialization. In: Bauer, Raymond A., ed. *Some views on Soviet psychology*. Washington, D.C., American Psychological Association, 1962, p. 63-86.
- DEVEREUX, E. C., JR., BRONFENBRENNER, URIE, and SUCI, G. J.: Patterns of parent behavior in the United States of America and the Federal Republic of Germany: A cross-national comparison. *International Social Science Journal*, 14(3):488-506, 1963.
- MH-4019 (R03) HAGGARD, ERNEST A.: Study of isolated families. Individual, Chicago, Ill. (1960-60)
- HAGGARD, ERNEST A.: Isolation and personality. In: Worchel and Byrne, eds. *Personality change*. New York, Wiley Press, 1964, p. 433-469.
- MH-4025 (R01) GLICK, LEONARD B.: Primitive medicine in a melanesian society. University of Pennsylvania, Philadelphia, Pa. (1960-62)
- GLICK, LEONARD B.: Categories and relations in Gimi natural science. *American Anthropologist*, 66(4)Part II:273-322, 1962.
- MH-4027 (R04) POSPISIL, LEOPOLD, and EYDE, DAVID B.: Informal pressures in a papuan group. Yale University, New Haven, Conn. (1960-62)
- EYDE, DAVID B., and POSTAL, PAUL M.: Avuncularity and incest: The development of unilateral cross-cousin marriage and Crow-Omaha kinship systems. *American Anthropologist*, 63(4):747-771, 1961.
- MH-4030 (R01) LOWRY, ELMER F., JR., MILL, CYRIL R., PETTIS, JAMES B., and ZOLIK, EDWIN: Hospital and community coordination for after-care. Alexandria Mental Hygiene Clinic, Alexandria, Va. (1960-62)
- DAVIS, HIRAM W.: Northern Virginia mental health project. *Virginia Medical Monthly*, 88:484-486, 1961.
- LEVIN, IRVING: Preparing for after-care: Hospital and community. In: Proceedings of conference on hospital-community coordination for total patient care. Blackwater Falls, W. Va., West Virginia Department of Mental Health, 1961, p. 14-17.
- LOWRY, ELMER F., JR.: The world of after-care. *Mental Health in Virginia*, 12:19-21, 1962.
- ZOLIK, EDWIN S., and LEVIN, IRVING: Northern Virginia Mental Health Project, Quarterly Report (Part I). *Mental Health in Virginia*, 11(4):34-36, 1961.
- ZOLIK, EDWIN S., LEVIN, IRVING: Northern Virginia Mental Health Project, First Quarterly Report (Part II). *Mental Health in Virginia*, 12(1):26-28, 1961.
- ZOLIK, EDWIN S., LOWRY, ELMER F., JR., and PETTIS, JAMES B.: Northern Virginia Mental Health Project (Part III). *Mental Health in Virginia*, 12:20-24, 1962.
- MH-4033 (R03) TRIANDIS, HARRY C., and TRIANDIS, LEIGH M.: Cultural determinants of social distance. University of Illinois, Urbana, Ill. (1960-61)
- TRIANDIS, H. C.: Factors affecting employee selection in two cultures. *Journal of Applied Psychology*, 47:89-96, 1963.
- TRIANDIS, H. C., and FISHBEIN, M.: Cognitive interaction in person perception. *Journal of Abnormal and Social Psychology*, 67:446-453, 1963.
- TRIANDIS, H. C., and TRIANDIS, LEIGH M.: A cross-cultural study of social distance. *Psychological Monographs*, 76:1-21, 1962. (Whole No. 540).
- MH-4034 (R03) GORMEZANO, ISIDORE: Instrumental and reflex blinks in eyelid conditioning. Indiana University, Bloomington, Ind. (1960-61)
- GORMEZANO, I., and MOORE, J. W.: Effects of instructional set and UCS intensity on the latency, percentage and form of the eyelid response. *Journal of Experimental Psychology*, 63:487-494, 1962.
- MOORE, J. W., and GORMEZANO, I.: Yoked comparisons of instrumental and classical eyelid conditioning. *Journal of Experimental Psychology*, 62(6):552-559, 1961.
- MH-4036 (R01) HOLLAND, WILLIAM R., and SPICER, EDWARD HOLLAND: A study of tzotzil medicine and medical practices. University of Arizona, Tucson, Ariz. (1960-61)
- HOLLAND, W. R.: Relaciones entre la religion tzotzil contemporánea y la maya antigua. *Anales del Instituto Nacional de Antropología e Historia*, 13:113-131, 1961.

- HOLLAND, W. R.: Tonalismo y nagualismo entre los indios tzotziles de Larrainzar, Chiapas, Mexico. *Estudios de Cultura Maya. Universidad Nacional Autonoma de Mexico*, 1:159-81, 1961.
- HOLLAND, WILLIAM R.: Mexican-American medical beliefs: Science or magic? *Arizona Medicine*, 20 (5):89-102, 1963.
- HOLLAND, W. R.: Psicoterapia maya en los altos de Chiapas. *Estudios de Cultura Maya* (Mexico), 3:261-277, 1963.
- HOLLAND, W. R.: Contemporary Tzotzil cosmological concepts as a basis for interpreting prehistoric Maya civilization. *American Antiquity*, 29(3): 301-306, 1964.
- HOLLAND, WILLIAM, and THARP, ROLAND G.: Highland Maya psychotherapy. *American Anthropologist*, 66:41-52, 1964.
- HOLLAND, W. R., and WEITLANER, ROBERT J.: Modern Cuicatec use of prehistoric sacrificial knives. *American Antiquity*, 25(3):392-464, 1960.
- MH-4037 (R03) LEVINE, ROBERT A.: Cross-cultural studies of personality development. University of Chicago, Chicago, Ill. (1960-60)
- LEVINE, ROBERT A.: Africa. In: Hsu, Francis L. K., ed. *Psychological anthropology: Approaches to culture and personality*. Homewood, Ill., Dorsey Press, 1961, p. 48-93.
- MH-4038 (R01) KORMAN, MAURICE, and KNOPF, IRWIN J.: The alcohol consummatory response in rats. University of Texas, Dallas, Texas. (1960-63)
- BLACK, CHARLES J.: Behavior of normal rats injected with the blood of rats subjected to prolonged stress. *Psychological Reports*, 10:646, 1962.
- KORMAN, M., and KNOPF, I. J.: Variables affecting the instrumental conditioning of the alcohol response. In: *Proceedings of the 7th Inter-American Congress of Psychology*, Mexico City, Rama Mexicana-S.I.P., 1963, p. 256-260.
- KORMAN, M., KNOPF, I. J., and LEON, R. L.: Alcohol as a discriminative stimulus: A preliminary report. *Texas Reports in Biology and Medicine*, 20:61-63, 1962.
- KORMAN, M., and STUBBLEFIELD, R. L.: The definition of alcoholism. *Journal of the American Medical Association*, 178:1184-1186, 1961.
- MH-4041 (R01) BRENNER, BERNARD, LEVINE, MURRAY, and SPIVACK, GEORGE: Subliminal influences on creative art. Devereux Schools, Devon, Pa. (1960-61)
- LEVINE, MURRAY, and SPIVACK, GEORGE: Rorschach index of repressive style. Springfield, Ill., C. C. Thomas, 1963, 164 p.
- SPIVACK, G., LEVINE, M., and BRENNER, B.: The Rorschach index of repressive style and scale checking style: A study of sex differences. *Journal of Projective Techniques*, 28:484-490, 1964.
- MH-4045 (R01) REISS, IRA L.: Guttman scales of student attitudes. Bard College, Annandale-on-Hudson, N.Y. (1960-61) (Continued as MH-5566).
- McTAVISH, DONALD G.: A method for more reliable coding detailed occupations into Duncan's socio-economic categories. *American Sociological Review*, 29:402-406, 1964. (Also acknowledges MH-5566).
- REISS, IRA L.: Sexual codes in teen-age culture. *Annals of the American Academy of Political and Social Science*, November: 53-62, 1961. (Also acknowledges MH-5566).
- REISS, IRA L.: Sociological studies of sexual standards. In: Winokur, G., ed. *Determinants of human sexual behavior*, Chapter 16. Springfield, Ill., Thomas, 1963. (Also acknowledges MH-5566).
- REISS, IRA L.: Premarital sexual permissiveness among Negroes and whites. *American Sociological Review*, 29:688-698, 1964. (Also acknowledges MH-5566).
- REISS, IRA L.: Social class and premarital sexual permissiveness: A re-examination. *American Sociological Review*, 30(5):747-756, 1965. (Also acknowledges MH-5566).
- MH-4046 (R03) PUBOLS, BENJAMIN H., JR.: Trials per problem and discrimination reversal. University of Miami, Coral Gables, Fla. (1960-61)
- PUBOLS, BENJAMIN H., JR.: Serial reversal learning as a function of the number of trials per reversal. *Journal of Comparative and Physiological Psychology*, 55:66-68, 1962.
- PUBOLS, BENJAMIN H., JR.: An application of Levine's model for hypothesis behavior to serial reversal learning. *Psychological Review*, 69:241-245, 1962.
- MH-4050 (R03) BECK, ROBERT C.: Artificial control of thirst and behavior. Wake Forest College, Winston-Salem, N.C. (1960-61)
- BECK, ROBERT C.: Effects of variations in water need and incentive concentration on bar-pressing. *Psychological Reports*, 13:31-37, 1963.
- BECK, R. C.: Consummatory behaviour of the rat adapting to a water deprivation schedule. In: Wagner, Mathew J., ed. *Thirst*. *Proceedings of*

- sity, Tallahassee, May, 1963. New York, MacMillan, 1964, p. 305-316.
- BECK, ROBERT C., and HORNE, MAURICE: Some effects of two thirst control procedures on eating, drinking and body weight of the rat. *Journal of General Psychology*, 71:93-101, 1964.
- MH-4055 (R01) WAGLEY, CHARLES W., BOWLES, GORDON TOWNSEND, and CARTER, WILLIAM EARL: The effect of servility on human personality. Columbia University, New York, N.Y. (1960-61)
- CARTER, WILLIAM E.: The first book of South America. New York, Franklin Watts, 1961, 86 p.
- CARTER, WILLIAM E.: The first book of Bolivia. New York, Franklin Watts, 1963, 82 p.
- CARTER, WILLIAM E.: Religion y el indio andino. *Iglesia y Sociedad*, 1964. Montevideo, Uruguay.
- MH-4056 (R01) MCCOLLOUGH, CELESTE F.: Autonomic conditioning—cardiac and pupillary studies. Oberlin College, Oberlin, Ohio. (1960-63)
- MCCOLLOUGH, CELESTE: The conditioning of color-perception. *American Journal of Psychology*, 78 (3):362-378, 1965.
- MH-4058 (R01) LANDFIELD, ALVIN W.: Social cognition and client-therapist interaction. University of Missouri, Columbia, Mo. (1960-62)
- LANDFIELD, ALVIN W., O'DONOVAN, D., and NAWAS, M.: Improvement ratings by external judges and psychotherapists. *Psychological Reports*, 11:747-748, 1962.
- OLIVER, W. D., and LANDFIELD, ALVIN W.: Reflexivity: An unfaced issue in psychology. *Journal of Individual Psychology*, 18:114-124, 1962. Also in: ETC; A Review of General Semantics, July, 1963.
- MH-4060 (R03) STRAUS, MURRAY A.: A survey of patterns of deferred gratification. Cornell University, Ithaca, N.Y. (1960-61)
- STRAUS, MURRAY A.: Deferred gratification, social class, and the achievement syndrome. *American Sociological Review*, 27:326-335, 1962.
- MH-4063 (R01) PATTERSON, GERALD R., and LITTMAN, RICHARD A.: Application of learning principles to child rearing. University of Oregon, Eugene, Ore. (1960-61) (Continued as MH-5429).
- PATTERSON, G. R.: An empirical approach to the classification of disturbed children. *Journal of Clinical Psychology*, 20:326-337, 1964. (Also acknowledges MH-5429).
- PATTERSON, G. R., and HINSEY, W. C.: Investigations of some assumptions and characteristics of a procedure for instrumental conditioning in children. *Journal of Experimental and Child Psychology*, 1:111-112, 1964. (Also acknowledges MH-5429).
- PATTERSON, G. R., LITTMAN, R. E., and HINSEY, W. C.: Parental effectiveness as reinforcers in the laboratory and its relation to child rearing practices, and child adjustment in the classroom. *Journal of Personality*, 32:180-199, 1964. (Also acknowledges MH-5429).
- MH-4069 (R03) RIEGEL, KLAUS F.: Study on the use of association and fluency tests. University of Michigan, Ann Arbor, Mich. (1960-61)
- RIEGEL, K. F., and BIRREN, J. E.: Age differences in choice reaction time to verbal stimuli. (Abstract) *Journal of Gerontology*, 17:470-471, 1962.
- MH-4075 (R01) EDWARDS, ALLEN L.: Psychometric investigation of personality scales. University of Washington, Seattle, Wash. (1961- )
- EDWARDS, A. L.: A factor analysis of experimental social desirability and response set scales. *Journal of Applied Psychology*, 47:308-316, 1963.
- EDWARDS, ALLEN L.: Prediction of mean scores on MMPI scales. *Journal of Consulting Psychology*, 28(2):183-185, 1964.
- EDWARDS, A. L.: Social desirability and performance on the MMPI. *Psychometrika*, 29(4):295-308, 1964.
- EDWARDS, ALLEN L.: Correlation of "A unidimensional depression scale for the MMPI" with the SD scale. *Journal of Consulting Psychology*, 29 (3):271-273, 1965.
- EDWARDS, ALLEN L.: Measurement of individual differences in ratings of social desirability and in the tendency to give socially desirable responses. *Journal of Experimental Research in Personality*, 1(2):91-98, 1965.
- EDWARDS, ALLEN L.: A comparison of 57 MMPI scales and 57 experimental scales matched with the MMPI scales in terms of item social desirability scale values and probabilities of endorsement. *Educational and Psychological Measurement*, 26(1):15-27, 1966.
- EDWARDS, A. L., and DIERS, CAROL J.: Social desirability and the factorial interpretation of the MMPI. *Educational and Psychological Measurement*, 22:501-509, 1962.
- EDWARDS, A. L., and DIERS, CAROL J.: Neutral items as a measure of acquiescence. *Educational*

1903.  
EDWARDS, A. L., DIERS, CAROL J., and WALKER, J. N.: Response sets and factor loadings on sixty-one personality scales. *Journal of Applied Psychology*, 46:220-225, 1962.
- EDWARDS, A. L., GOCKA, F. F., and HOLLOWAY, HILDEGUND: The development of an MMPI acquiescence scale. *Journal of Clinical Psychology*, 20:148-150, 1964.
- EDWARDS, ALLEN L., and KLOCKARS, ALAN J.: Social desirability and probability of endorsement of items in the Yatabe-Guilford personality inventory. *Psychological Reports*, 17(1):166, 1965.
- EDWARDS, A. L., and WALKER, J. N.: A short form of the MMPI: The SD scale. *Psychological Reports*, 8:485-486, 1961.
- EDWARDS, A. L., and WALKER, J. N.: Relationship between probability of item endorsement and social desirability scale value for high and low groups on Edward's SD scale. *Journal of Abnormal and Social Psychology*, 64:458-460, 1962.
- EDWARDS, A. L., and WALSH, J. A.: Relationships between various psychometric properties of personality items. *Educational and Psychological Measurement*, 23:227-238, 1963.
- EDWARDS, A. L., and WALSH, J. A.: Response sets in standard and experimental personality scales. *American Educational Research Journal*, 1:52-61, 1964.
- EDWARDS, ALLEN L., and WALSH, JAMES A.: A factor analysis of ? scores. *Journal of Abnormal and Social Psychology*, 69(5):559-563, 1964.
- EDWARDS, A. L., WALSH, J. A., and DIERS, CAROL, J.: The relationship between social desirability and internal consistency of personality scales. *Journal of Applied Psychology*, 47:255-259, 1963.
- WALKER, J. N.: An examination of the role of the experimentally determined response set in evaluating Edwards' Social Desirability Scale. *Journal of Consulting Psychology*, 26:162-166, 1962.
- MH-4077 (R03) LACHMAN, ROY, and BONK, WILLIAM J.: Behavior and attitudes during 1960 volcanic eruption. University of Hawaii, Honolulu, Hawaii. (1960-60)
- LACHMAN, R.: Behavior, rituals, and beliefs during a volcano eruption. In: Proceedings of the 16th International Congress of Psychology. Amsterdam, North-Holland Publishing Co., 1962.
- LACHMAN, R., and BONK, W. J.: Behavior and beliefs during the recent volcano eruption at Kapoho, Hawaii. *Science*, 131(3407):1095-1096, 1960.
- LACHMAN, R., TATSUOKA, M., and BONK, W. J.: Human behavior during the tsunami of May 1960. *Science*, 133:1405-1409, 1961.
- nic speech. New York State Psychiatric Institute, New York, N.Y. (1960-61)
- HAMMER, M., and SALZINGER, K.: Some formal characteristics of schizophrenic speech as a measure of social deviance. *Annals of the New York Academy of Sciences*, 105:861-889, 1964. (Also acknowledges MH-4842).
- MH-4083 (R01) FOLCH-PI, JORDI, and WABLSCH, HEINRICH B.: Fourth international neurochemical symposium. McLean Hospital, Belmont, Mass. (1960-61)
- KETY, S. S., and ELKES, J., eds.: Regional neurochemistry. The regional chemistry, physiology and pharmacology of the nervous system. Oxford, Pergamon, 1961, 540 p.
- MH-4085 (R03) KAUFMAN, MELVIN E.: Learning set retention in mentally retarded children. University of Wisconsin, Madison, Wisc. (1960-61)
- KAUFMAN, M. E.: The formation of a learning set in institutional and noninstitutional mental defectives. *American Journal of Mental Deficiency*, 67:601-605, 1963.
- MH-4087 (R01) DE VOS, GEORGE A., JONES, HAROLD E., and WAGATSUMA, HIROSHI: Comparative research on delinquency. University of California, Berkeley, Calif. (1960- )
- DEVOS, GEORGE: Deviancy and social change: A psychocultural evaluation of trends in Japanese delinquency and suicide. In: Smith, Robert J., and Beardsley, Richard K., eds. *Japanese culture: Its development and characteristics*. Chicago, Aldine Publishing, 1962, p. 153-170.
- DEVOS, GEORGE: The legendary Yakuza. *California Monthly*, 74(5):1964.
- DEVOS, GEORGE A.: Assimilation and social self identity in the Japanese former outcaste group, Chapter 3. In: Kantor, Mildred B., ed. *Mobility and mental health*. Springfield, Ill., Charles C. Thomas, 1965.
- DEVOS, GEORGE, and MIZUSHIMA, KEIICHI: The school and delinquency: Perspectives from Japan. *Teachers College Record*, 63(8):626-638, 1962.
- MH-4091 (R01) HALAS, EDWARD S.: Instrumental conditioning in the planarian. University of North Dakota, Grand Forks, N.D. (1960-64)
- HALAS, B. S.: Operant conditioning in planarian: A criticism. *Science*, 141(3579):390-392, 1963.
- HALAS, E. S., JAMES, R. L., and KNUTSON, C. S.: An attempt at classical conditioning in the planarian. *Journal of Comparative and Physiological Psychology*, 55:969-971, 1962.



- HALAS, E. S., JAMES, R. L., and STONE, L. A.: Types of responses elicited in planaria by light. *Journal of Comparative and Physiological Psychology*, 54:302-305, 1961.
- HALAS, E. S., MULRY, R. C., and DEBOER, MARGARET: Some problems involved in conditioning planaria: Electrical polarity. *Psychological Reports*, 11:395-398, 1962.
- JAMES, R. L., and HALAS, E. S.: No difference in extinction behavior in planaria following various types and amounts of training. *Psychological Record*, 14:1-11, 1964.
- JAMES, R. L., and HALAS, E. S.: A reply to McConnell. *Psychological Record*, 14:21-23, 1964.
- ROSENTHAL, R., and HALAS, E. S.: Experimenter effect in the study of invertebrate behavior. *Psychological Reports*, 11:251-256, 1962.
- MH-4093 (R01) MURPHY, LOIS B.: Longitudinal studies in mental health maintenance. Menninger Foundation, Topeka, Kans. (1960-64)
- BERNARDEZ, TERESA: The feminine role: Case report. *Bulletin of the Menninger Clinic*, 29(4): 198-204, 1965. (Also acknowledges MH-680).
- GINSBURG, SYLVIA, MORIARTY, ALICE, and MURPHY, LOIS B.: Young teenagers' responses to the assassination of President Kennedy: Relation to previous life experiences. Wolfenstein, Martha, and Kliman, Gilbert, eds. *Children and the death of President: Multi-disciplinary studies*. New York, Doubleday, 1965, 29 p.
- MORGAN, C. J.: An individual action-research method for intensive exploration of adaptive difficulties in the prepuberty stage. *Journal of Psychology*, 58:439-458, 1964.
- TORROW, J. TARTON: Providing growth experiences: A preventive approach. *Bulletin of the Menninger Clinic*, 29(4):177-188, 1965.
- MURPHY, L. B.: Adaptational tasks in childhood in our culture. *Bulletin of the Menninger Clinic*, 28:309-322, 1964. (Also acknowledges MH-680).
- MURPHY, L. B.: Continuity and change in coping resources of preschool children. *Journal of Nursery Education*, 19, 1964.
- MH-4096 (R03) HORNER, B. ELIZABETH: Onychomys in normal and abnormal behavioral studies. Smith College, Northampton, Mass. (1960-61)
- HORNER, B. ELIZABETH: Paternal care of the young and convulsive seizures in the grasshopper mouse. (Abstract) *American Zoologist*, 1(3):360, 1961.
- MH-4097 (R01) GOLDSCHMIDT, WALTER R.: Socio-cultural concomitants of ecologic changes. University of California, Los Angeles, Calif. (1960- )
- EDGERTON, ROBERT B.: Pokot intersexuality: An East African example of the resolution of sexual incongruity. *American Anthropologist*, 66(6) Part 1:1288-1299, 1964.
- EDGERTON, ROBERT B.: Some dimensions of disillusionment in culture contact. *Southwestern Journal of Anthropology*, 21:231-243, 1965.
- EDGERTON, ROBERT B., and CONANT, FRANCIS P.: "Kilapat": The "shaming party" among the Pokot of East Africa. *Southwestern Journal of Anthropology*, 20:404-418, 1964.
- MH-4100 (R01) MASON, WILLIAM A.: Determinants of social behavior. Yerkes Laboratories of Primate Biology—Emory University, Orange Park, Fla. (1960-62)
- BERNSTEIN, I. S., and MASON, W. A.: Group formation by rhesus monkeys. *Animal Behavior*, 11: 28-31, 1963.
- BERNSTEIN, I. S., and MASON, W. A.: Activity patterns of rhesus monkeys in a social group. *Animal Behavior*, 11:455-460, 1963.
- MASON, W. A.: The effects of environmental restriction on the social development of rhesus monkeys. In: Southwick, C. H., ed. *Primate social behavior*. Princeton, Van Nostrand, 1963, p. 161-173.
- MASON, WILLIAM A.: Determinants of social behavior in young chimpanzees. In: Schrier, Allan M., Harlow, Harry F., and Stollnitz, Fred, eds. *Behavior of nonhuman primates*. Vol. 2. New York, Academic Press, 1965, p. 335-364.
- MASON, W. A., and BERKSON, G.: Conditions influencing vocal responsiveness of infant chimpanzees. *Science*, 137:127-128, 1962.
- MASON, W. A., HOLLIS, J. H., and SHARPE, L. G.: Differential responses of chimpanzees to social stimulation. *Journal of Comparative and Physiological Psychology*, 55:1105-1110, 1962.
- MASON, W. A., SAXON, S. V., and SHARPE, L. G.: Preferential responses of young chimpanzees to food and social rewards. *Psychological Record*, 13:341-345, 1963.
- MH-4109 (R01) GHENT, LILA, and HUNT, THELMA: Spatial orientation in visual perception of children. George Washington University, Washington, D.C. (1960- )
- ANTONOVSKY, HELEN F., and GHENT, LILA: Cross-cultural consistency of children's preferences for the orientation of figures. *American Journal Psychology*, 77:295-297, 1964.

- BRAINE, L. GHENT: Age changes in the mode of perceiving geometric forms. *Psychonomic Science*, 2(6):155-156, 1965.
- GHENT, L.: Recognition by children of realistic figures presented in various orientations. *Canadian Journal of Psychology*, 14:249-256, 1960.
- GHENT, L.: Effect of orientation on recognition of geometric forms by retarded children. *Child Development*, 35(4):1127-1136, 1964.
- GHENT, L., and BERNSTEIN, L.: Influence of the orientation of geometric forms on their recognition by children. *Perceptual and Motor Skills*, 12:95-101, 1961.
- MH-4111 (R03) GOFFMAN, ERVING: Sociology of the mental hospital. University of California, Berkeley, Calif. (1960-60)
- GOFFMAN, ERVING: Asylums: Essays on the social situation of mental patients and other inmates. Garden City/New York, Anchor Books/Doubleday, 1961, 386 p.
- MH-4112 (R03) DARDANO, JOSEPH F.: Modification of attentiveness—an exploratory study. Anna State Hospital, Anna, Ill. (1960-61)
- DARDANO, JOSEPH F.: Modification of observing behavior. *Journal of the Experimental Analysis of Behavior*, 8(4):207-214, 1965.
- MH-4113 (R03) LANA, ROBERT E., and LUBIN, ARDIE: Use of analysis of variance techniques in psychology. American University, Washington, D.C. (1960-61)
- LANA, R. E., and LUBIN, A.: Chi square revisited. *American Psychologist*, 17(11):793, 1962.
- LANA, R. E., and LUBIN, A.: The effect of correlation on the repeated measures design. *Educational and Psychological Measurement*, 23:729-739, 1963.
- MH-4122 (R01) LINN, ERWIN L.: Traits, behavior and release of mental patients. Catholic University of America, Washington, D.C. (1960-63)
- LINN, ERWIN L.: Agents, timing, and events leading to mental hospitalization. *Human Organization*, 20:92-98, Summer, 1961.
- LINN, ERWIN L.: The relation of chronicity in the functional psychoses to prognosis. *Journal of Nervous and Mental Disease*, 135:460-467, 1962.
- LINN, E. L.: Psychiatric and institutional implications of hyperactive behaviour manifested by functional psychotic patients. *International Journal of Social Psychiatry*, 10(4):292-300, 1964.
- LINN, ERWIN L.: Relevance of psychotic patients' "insight" to their prognosis. *Archives of General Psychiatry*, 162:166-167, 1965.
- MH-4135 (R10) WHEATLEY, DAVID P.: Use of psychotherapeutic drugs in general practice. General Practitioner Research Group, Twickenham, U.K. (1960-65)
- BAUM, G., FISHMAN, J., ISON, L. J., SINCLAIR, R. G., SKLAR, E. M., STOLL, L. J., TEPPER, R., WHEATLEY, D. P., WHITE, D. F., and WHITE-LAW, J. D. A.: Dexamphetamine compared with an inactive placebo in depression. *Practitioner*, 192:151-154, 1964.
- BILL, C. E. S., CANDLER, T. O., DAVIS, R., HARRISON, R. T. T., HERSHON, E., MOORE, W. R., TOWNEND, K. M., TRAHERNE, J. B., WHEATLEY, D. P., WHITE-LAW, J. D. A., and WOODGATE-JONES, N. P.: Methylpentynol compared with phenobarbitone in anxiety. *Practitioner*, 192:273-275, 1964.
- BISLEY, B. L., GIWELB, H. J., LAWRENCE, N., SAPERIA, J., STEWART, J. M., SYMES, D. M., THOMPSON, H. W. K., and WHEATLEY, D. P.: A dexamphetamine-barbiturate combination in anxiety-depressive states. *Practitioner*, 192:275-278, 1964.
- CRADDOCK, D., DAVIS, R., EVERTON, M., INMAN, K. N., JAFFE, G. V., JONES, H. A., SMITH, N., WHEATLEY, D. P., and WILSON, D. G.: Phenobarbitone compared with an inactive placebo in anxiety states. *Practitioner*, 192:147-151, 1964.
- WHEATLEY, D.: Evaluation of psychotherapeutic drugs in general practice. *Psychopharmacology Service Center Bulletin*, 2:25-31, 1962.
- MH-4137 (R01) MONROE, RUSSELL R.: Pharmacologic blocking of alpha chloralose activation. University of Maryland, Baltimore, Md. (1960- )
- BALIS, GEORGE U., and MONROE, RUSSELL R.: Pharmacology of the chloraloses: A review. *Psychopharmacologia*, 6:1-30, 1964.
- BRAUDE, M. C., and MONROE, R. R.: Neuro- and psychopharmacologic studies of alphaglucochloralose (AGC) and dimethylsulfoxide (DMSO). *Federation Proceedings*, 24(2):390, 1965.
- EICHLER, MYRON F., and NORMAN, JANET: Repeated use of the Bender Gestalt Test in a study of an induced toxic state. *Perceptual and Motor Skills*, 20(3)Part 2:1033-1036, 1965. (Also acknowledges MH-4867).
- MONROE, R. R., BALIS, G. U., and EBERSBERGER, E. B.: The hypnotic effects of alpha and beta chloralose in rats. *Current Therapeutic Research*, 5(3):141-153, 1963.
- MONROE, R. R., BALIS, G. U., and EBERSBERGER, E. B.: Anticonvulsant activity of alpha and beta chloralose in rats. *Current Therapeutic Research*, 5(3):154-155, 1963.

- MONROE, RUSSELL R., KRAMER, MORTON D., GOULDING, ROBERT, and WISE, SAMUEL: EEG activation of patients receiving phenothiazines and chlorthalidopoxide. *Journal of Nervous and Mental Disease*, 141(1):100-107, 1965.
- MONROE, RUSSELL R., and WISE, SAMUEL P., III: Combined phenothiazine, chlorthalidopoxide and primidone therapy for uncontrolled psychotic patients. *American Journal of Psychiatry*, 122(6): 694-698, 1965. (Also acknowledges MH-3672).
- MH-4139 (R01) STONE, GEORGE C.: Drug effects on nondiscriminated avoidance behavior. Langley Porter Neuropsychiatric Institute, San Francisco, Calif. (1960- )
- STONE, G. C.: On baseline estimates in nondiscriminated avoidance behavior. *California Mental Health Research Digest*, 1(2):21-23, 1963.
- STONE, G. C.: A patch panel for operant programming components. *Journal of the Experimental Analysis of Behavior*, 6:38, 1963.
- STONE, GEORGE C.: Dosing order and depression of avoidance behavior by chlorpromazine. *Psychological Reports*, 15:175-178, 1964.
- STONE, GEORGE C.: Effects of drugs on nondiscriminated avoidance behavior. I. Individual differences in dose-response relationships. *Psychopharmacologia*, 6:245-255, 1964.
- STONE, G. C.: Effects of drugs on avoidance behavior. II. Individual differences in susceptibilities. *Psychopharmacologia*, 7(4):283-302, 1965.
- STONE, GEORGE C.: Some factors that influence acquisition of free-operant avoidance behavior. *Psychological Reports*, 18(2):383-396, 1966.
- STONE, G. C., and MACLEAN, M.: Increased rate of avoidance responding associated with non-contingent auditory stimulus. *Psychological Reports*, 13:259-265, 1963.
- MH-4145 (R01) HEATH, DOUGLAS H.: Self-organization and cognitive control modes. Haverford College, Haverford, Pa. (1960-62)
- HEATH, DOUGLAS H.: Explorations of maturity. Studies of mature and immature college men. New York, Appleton-Century-Crofts, 1965, 423 p.
- MH-4151 (R01) RECHTSCHAFFEN, ALLEN, FOULKES, DAVID, OFFENKRANTZ, WILLIAM, and TROSMAN, HARRY: Stimulus determinants of dreaming. University of Chicago, Chicago, Ill. (1960- )
- FOULKES, D.: Theories of dream formation and recent studies of sleep consciousness. *Psychological Bulletin*, 62:236-247, 1964.
- FOULKES, D., and RECHTSCHAFFEN, A.: Presleep determinants of dream content. Effects of two films. *Perceptual and Motor Skills*, 19:983-1005, 1964.
- FOULKES, DAVID, and VOGEL, GERALD: Mental activity at sleep onset. *Journal of Abnormal Psychology*, 70(4):231-243, 1965.
- MARON, L., RECHTSCHAFFEN, A., and WOLPERT, E. A.: Sleep cycle during napping. *Archives of General Psychiatry*, 11:503-508, 1964.
- OFFENKRANTZ, W., and RECHTSCHAFFEN, A.: Clinical studies of sequential dreams. *Archives of General Psychiatry*, 8(5):497-508, 1963.
- OFFENKRANTZ, W., and WOLPERT, E. A.: The detection of dreaming in a congenitally blind subject. *Journal of Nervous and Mental Disease*, 136:88-90, 1963.
- RECHTSCHAFFEN, ALLAN, and FOULKES, DAVID: Effect of visual stimuli on dream content. *Perceptual and Motor Skills*, 20(3):Part 2:1149-1160, 1965.
- RECHTSCHAFFEN, A., GOODENOUGH, D. R., and SHAPIRO, A.: Patterns of sleep talking. *Archives of General Psychiatry*, 7:418-426, 1962. (Also acknowledges MH-3885).
- RECHTSCHAFFEN, A., and MARON, L.: The effect of amphetamine on the sleep cycle. *Electroencephalography and Clinical Neurophysiology*, 16: 438-445, 1964.
- RECHTSCHAFFEN, A., SCHULSINGER, K., and MEDNICK, S.: Schizophrenia and physiological indices of dreaming. *Archives of General Psychiatry*, 10: 89-93, 1964.
- RECHTSCHAFFEN, A., VERDONE, P., and WHEATON, JOY V.: Reports of mental activity during sleep. *Canadian Psychiatric Association Journal*, 8(6): 409-414, 1963.
- RECHTSCHAFFEN, A., VOGEL, G., and SHAIKUN, G.: Interrelatedness of mental activity during sleep. *Archives of General Psychiatry*, 9:536-547, 1963.
- RECHTSCHAFFEN, A., WOLPERT, E. A., DEMENT, W. C., MITCHELL, S. A., and FISHER, C.: Nocturnal sleep of narcoleptics. *Electroencephalography and Clinical Neurophysiology*, 15:599-609, 1963. (Also acknowledges MH-3267).
- REDING, G. R., RUBRIGHT, W. C., RECHTSCHAFFEN, A., and DANIELS, R. S.: Sleep pattern of tooth-grinding: Its relationship to dreaming. *Science*, 145(3633):725-726, 1964.
- TROSMAN, H.: Dream research and the psychoanalytic theory of dreams. *Archives of General Psychiatry*, 9:9-18, 1963.
- VERDONE, PAUL: Temporal reference of manifest dream content. *Perceptual and Motor Skills*, 20 (2):Part 2:1253-1262, 1965.

- VOGEL, GERALD, FOULKES, DAVID, and TROSMAN, HARRY: Ego functions and dreaming during sleep onset. *Archives of General Psychiatry*, 14(3): 238-248, 1966.
- MH-4153 (R01) EPSTEIN, WILLIAM: Role of assumptions in perception. University of Kansas, Lawrence, Kan. (1960- )
- EPSTEIN, WILLIAM: The known size apparent distance hypothesis. *American Journal of Psychology*, 74:333-346, 1961.
- EPSTEIN, WILLIAM: Phenomenal orientation and perceived achromatic color. *Journal of Psychology*, 52:51-53, 1961.
- EPSTEIN, WILLIAM: A test of two interpretations of the apparent size effects in a distorted room. *Journal of Experimental Psychology*, 63:124-128, 1962.
- EPSTEIN, WILLIAM: Apparent shape of a meaningful representational form. *Perceptual and Motor Skills*, 15:239-246, 1962.
- EPSTEIN, WILLIAM: The influence of assumed size on apparent distance. *American Journal of Psychology*, 76:257-265, 1963.
- EPSTEIN, WILLIAM: Attitudes of judgment and the size-distance invariance hypothesis. *Journal of Experimental Psychology*, 66:78-83, 1963.
- EPSTEIN, WILLIAM: Effective difference in the influence of relative size on relative distance. *Perceptual and Motor Skills*, 18:383-384, 1964.
- EPSTEIN, WILLIAM: Experimental investigations of the genesis of space perception. *Psychological Bulletin*, 61:115-128, 1964.
- EPSTEIN, W.: Nonrelational judgments of size and distance. *American Journal of Psychology*, 78(1):120-123, 1965.
- EPSTEIN, WILLIAM: Perceptual invariance in the kinetic depth-effect. *American Journal of Psychology*, 78(2):301-303, 1965.
- EPSTEIN, WILLIAM, and BARATZ, STEVEN: Relative size in isolation as a stimulus for relative perceived distance. *Journal of Experimental Psychology*, 67:507-513, 1964.
- EPSTEIN, WILLIAM, BONTRAGER, HELEN, and PARK, JOHN: The induction of nonveridical slant and the perception of shape. *Journal of Experimental Psychology*, 63:472-479, 1962.
- EPSTEIN, WILLIAM, and FRANKLIN, SAMUEL: Some conditions of the effect of relative size on perceived relative distance. *American Journal of Psychology*, 78(3):466-470, 1965.
- EPSTEIN, WILLIAM, and MOUNTFORD, DAMON: Judgment of slant in response to an isolated gradient of stimulation. *Perceptual and Motor Skills*, 16:733-737, 1963.
- EPSTEIN, WILLIAM, and PARK, JOHN: Shape constancy: Functional relationships and theoretical formulations. *Psychological Bulletin*, 60:265-288, 1963.
- EPSTEIN, W., and PARK, J.: Examination of Gibson's psychophysical hypothesis. *Psychological Bulletin*, 62:180-196, 1964.
- EPSTEIN, WILLIAM, PARK, JOHN, and CASEY, ALBERT: The current status of the size-distance hypotheses. *Psychological Bulletin*, 58:491-514, 1961.
- MH-4159 (R03) SCHAEFER, HALMUTH H.: Functional dimensions of operants. Loyola University, Chicago, Ill. (1960-60)
- SCHAEFER, HALMUTH H.: Effect of changing force contingency schedules upon duration of response. *Psychological Reports*, 9:191-198, 1961.
- MH-4160 (R01) HERRING, PENDLETON, and WILDERMAN, BEN: Socialization process and social structure. Social Science Research Council, New York, N.Y. (1960- )
- BECKER, HOWARD S.: Personal change in adult life. *Sociometry*, 27:40-53, 1964.
- BRIM, ORVILLE B., JR.: Socialization through the life cycle. *Social Science Research Council Items*, 18:1-5, 1964.
- CLAUSEN, JOHN A.: Research on socialization and personality development in the United States and France: Remarks on the paper by Professor Chombar de Lauwe. *American Sociological Review*, 31(2):248-257, 1966.
- KAGAN, JEROME: American longitudinal research on psychological development. *Child Development*, 35:1-32, 1964.
- PROSHANSKY, HAROLD, ed.: Linking social class and socialization: Toward a framework for analysis and research. Ann Arbor, Michigan, University of Michigan Institute for Social Research, 1962.
- MH-4161 (R01) ROBERTS, JOHN M.: Comparative study of cultural codes and models. Cornell University, Ithaca, N.Y. (1960-63)
- ROBERTS, JOHN M.: Kinsmen and friends in Zuni culture: A terminological note. *El Palacio*, 38-43, Summer, 1965.
- ROBERTS, JOHN M., HOFFMANN, HANS, and SUTTON-SMITH, BRIAN: Pattern and competence: A consideration tick tack toe. *El Palacio*, Autumn 1965, p. 17-30.
- ROBERTS, JOHN M., and SUTTON-SMITH, BRIAN: Child training and game involvement. *Ethnology*, 1:166-185, 1962.
- ROBERTS, JOHN M., SUTTON-SMITH, BRIAN, and KENDON, ADAM: Strategy in games and folk tales. *Journal of Social Psychology*, 61:185-199, 1963.

- ROBERTS, JOHN, THOMPSON, WAYNE E., and SMITH, BRIAN SUTTON: Expressive self-testing in driving. *Human Organization*, 25(1):54-63, 1966.
- SMITH, ROBERT J.: Japanese kinship terminology: The history of a nomenclature. *Ethnology*, 1(3): 349-359, 1962.
- SUTTON-SMITH, BRIAN, and ROBERTS, JOHN M.: Rubrics of competitive behavior. *Journal of Genetic Psychology*, 105:13-37, 1964.
- SUTTON-SMITH, BRIAN, ROBERTS, JOHN M., and KOZELKA, ROBERT M.: Game involvement in adults. *Journal of Social Psychology*, 60:15-30, 1963.
- SUTTON-SMITH, BRIAN, ROBERTS, JOHN M., and ROSENBERG, B. G.: Sibling associations and role involvement. *Merrill-Palmer Quarterly of Behavior and Development*, 10:25-38, 1964.
- WALKER, WILLARD: Taxonomic structure and the pursuit of meaning. *Southwestern Journal of Anthropology*, 21(3):265-275, 1965.
- MH-4163 (R01) GAULT, FREDERICK P.: Evoked potentials and discrimination behavior. Yale University, New Haven, Conn. (1960- )
- GAULT, F. P.: A simple device for controlling transients in auditory stimuli. *Electroencephalography and Clinical Neurophysiology*, 18:300-301, 1965.
- GAULT, F. P., and COUSTAN, D. R.: Nasal air flow and rhinencephalic activity. *Electroencephalography and Clinical Neurophysiology*, 18(6):617-624, 1965.
- GAULT, F. P., and LEATON, R. S.: Electrical activity of the olfactory system. *Electroencephalography and Clinical Neurophysiology*, 15:299-304, 1963.
- LEATON, ROBERT N.: Exploratory behavior in rats with hippocampal lesions. *Journal of Comparative and Physiological Psychology*, 50(3):325-330, 1965. (Also acknowledges MH-647).
- PAGANO, R. R., and GAULT, F. P.: Amygdala activity: A central measure of arousal. *Electroencephalography and Clinical Neurophysiology*, 17:255-260, 1964.
- YULES, RICHARD B., OGDEN, JOHN A., GAULT, FREDERICK P., and FREEDMAN, DANIEL X.: An implanted electrode for recording both rapid eye movements and muscle tone during sleep. *Electroencephalography and Clinical Neurophysiology*, 20(4):410-411, 1966.
- YULES, RICHARD B., OGDEN, JOHN A., GAULT, FREDERICK P., and FREEDMAN, DANIEL X.: The effect of ethyl alcohol on electroencephalographic sleep cycles in cats. *Psychonomic Science*, 5(3): 97-98, 1966.
- MH-4164 (R01) LEWIT, DAVID W.: The learning of interpersonal structures. University of Massachusetts, Amherst, Mass. (1960-62)
- SHRADER, ELIZABETH G., and LEWIT, D. W.: Structural factors in cognitive balancing behavior. *Human Relations*, 15(3):265-276, 1962.
- MH-4166 (R01) HALL, EDWARD T.: Social space as biocommunication. Washington School of Psychiatry, Washington, D.C. (1960-63)
- HALL, EDWARD T.: A system for the notation of proxemic behavior. *American Anthropologist*, 65(5):1003-1026, 1963.
- HALL, EDWARD T.: Proxemics—The study of man's spatial relations and boundaries. In: Galdston, Iago, ed. *Man's image in medicine and anthropology*. New York, International Universities Press, 1963, p. 422-445.
- MH-4169 (R01) BALES, ROBERT F.: Prediction of interpersonal behavior. Harvard University, Cambridge, Mass. (1960-63)
- BALES, R. F., COUCH, A. S., and STONE, P. J.: The interaction simulator. *Annals of the Computation Laboratory*, 31:305-314, 1961.
- DUNPHY, DEXTER C., STONE, PHILIP J., and SMITH, MARSHALL S.: Computers in behavioral science. The general inquirer: Further developments in a computer system for content analysis of verbal data in the social sciences. *Behavioral Science*, 10(4):468-488, 1965.
- SCHEUCH, E. K., and STONE, PH. J.: The General Inquirer approach to an international retrieval system for survey archives. *American Behavioral Scientist*, 7(10):23-28, 1964.
- STONE, P. J., BALES, R. F., NAMENWIRTH, Z., and OGLVIE, D. M.: The general inquirer: A computer system for content analysis and retrieval based on the sentence as a unit of information. *Behavioral Science*, 7(4):484-498, 1962.
- STONE, P. J., and HUNT, E. B.: A computer approach to content analysis: Studies using the General Inquirer system. In: Proceedings of the Spring Joint Computer Conference. Baltimore, Spartan Press, 1963, p. 241-256.
- MH-4172 (R01) GREENBLATT, MILTON, STERNBACH, RICHARD A., TURSKY, BERNARD, and WATSON, PETER D.: Factors affecting pain due to electric shock. Harvard Medical School, Boston, Mass. (1960- )
- CRIDER, ANDREW, SHAPIRO, DAVID, and TURSKY, BERNARD: Reinforcement of spontaneous electrodermal activity. *Journal of Comparative and Physiological Psychology*, 61(1):20-27, 1966.

- STERNBACH, R. A.: Congenital insensitivity to pain: A critique. *Psychological Bulletin*, 60:252-264, 1963.
- STERNBACH, R. A., and TURSKY, B.: On the psychophysical power function in electric shock. *Psychonomic Science*, 1:217-218, 1964.
- STERNBACH, R. A., and TURSKY, B.: Ethnic differences among housewives in psychophysical and skin potential responses to electric shock. *Psychophysiology*, 1(3):241-246, 1965.
- TURSKY, BERNARD: Integrators as measuring devices of bioelectric output. *Clinical Pharmacology and Therapeutics*, 5(6)Part 2:887-892, 1964.
- TURSKY, BERNARD, and O'CONNELL, DONALD N.: Survey of practice in electrodermal measurement. *Psychophysiology*, 2(3):237-240, 1966.
- TURSKY, BERNARD, SHAPIRO, DAVID, and LEIDERMAN, HERBERT P.: Automatic data processing in psychophysiology: A system in operation. *Behavioral Science*, 11(1):64-70, 1966. (Also acknowledges MH-5077).
- TURSKY, BERNARD, and WATSON, PETER D.: Controlled physical and subjective intensities of electric shock. *Psychophysiology*, 1(2):151-162, 1964.
- TURSKY, B., WATSON, P. D., and O'CONNELL, D. N.: Instrumentation. A concentric shock electrode for pain stimulation. *Psychophysiology*, 1(3):296-298, 1965.
- MH-4173 (R01) LOGAN, FRANK A.: The free responding situation. Yale University, New Haven, Conn. (1960-64)
- LOGAN, FRANK A.: The free behavior situation. In: Hilgard, E., ed. *Nebraska Symposium on Motivation*. Vol. 12. Levine, David, E. *Current theory and research in motivation*. Lincoln, University of Nebraska Press, 1964, p. 99-128.
- MH-4184 (R01) ZENNER, WALTER P., and ARENSBERG, CONRAD M.: Acculturation of a middle eastern ethnic group. Columbia University, New York, N.Y. (1961-62)
- ZENNER, WALTER P.: Rafal leaves school. *Reconstructionist*, 28(15):21-24, 1962.
- ZENNER, WALTER P.: Ambivalence and self-image among Oriental Jews in Israel. *Jewish Journal of Sociology* (London), 5(2):214-223, 1963.
- ZENNER, W. P.: Memorialism—some Jewish examples. *American Anthropologist*, 67(2):481-483, 1965.
- MH-4186 (R01) MESSICK, SAMUEL, and CLIFF, NORMAN: Personality organization in cognitive processes. Educational Testing Service, Princeton.
- DRIVER, M. J.: Conceptual structure and group processes in an inter-nation stimulation. Part one: The perception of simulated nations. Educational Testing Service Research Bulletin (Princeton, New Jersey), 1962. (RB-62-15).
- FRTZKY, F. J.: Aesthetic preference for abstract designs as a function of their perceived complexity. Educational Testing Service Research Bulletin (Princeton, New Jersey), 1963. (RB-63-27).
- JACKSON, D. N., MESSICK, S., and MYERS, C.: Evaluation of group and individual forms of embedded-figures measures of field-independence. *Educational and Psychological Measurement*, 24:177-192, 1964.
- JACKSON, PHILIP W., and MESSICK, SAMUEL: The person, the product, and the response: Conceptual problems in the assessment of creativity. *Journal of Personality*, 33(3):309-329, 1965.
- MESSICK, S., and DAMARIN, F.: Cognitive styles and memory for faces. *Journal of Abnormal and Social Psychology*, 69(3):313-318, 1964.
- MESSICK, S., and FRITZKY, F. J.: Dimensions of analytic attitude in cognition and personality. *Journal of Personality*, 31:346-370, 1963.
- MESSICK, S., and KOGAN, N.: Differentiation and compartmentalization in object-sorting measures of categorizing style. *Perceptual and Motor Skills*, 16:47-51, 1963.
- MESSICK, S., and KOGAN, N.: Category width and quantitative aptitude. *Perceptual and Motor Skills*, 20(2):493-497, 1965.
- MURRAY, J. E., and JACKSON, D. N.: Impulsivity and color-form abstraction. *Journal of Consulting Psychology*, 28:518-522, 1964. (Also acknowledges MH-2738).
- TUCKER, J. R., and MESSICK, S.: An individual differences model for multidimensional scaling. *Psychometrika*, 28:333-367, 1963. (Also acknowledges MH-2878).
- MH-4187 (R01) GOODGLASS, HAROLD: New measures of aphasic symptom variables. Clark University, Worcester, Mass. (1960- )
- GESCHWIND, N., and KAPLAN, E.: A human cerebral disconnection syndrome: A preliminary report. *Neurology*, 12(10):675-685, 1962. (Also acknowledges MH-1802).
- GOODGLASS, H.: Redefining the concept of agrammatism in aphasia. In: Proceedings, 12th Congress of the International Association of Logopedics and Phoniatrics, Padua, 1962, p. 108-116.
- GOODGLASS, H.: Aphasia for specific semantic word categories. In: Societatis Internationalis Logopaediae et Phoniatriae 13th Congressus Vindobonae Anno 1965. De Therapia Vocis et Lo-

- GOODGLASS, H., and KAPLAN, E.: Disturbance of pantomime and gesture in aphasia. *Brain*, 86 (Part IV):703-720, 1963.
- GOODGLASS, H., KLEIN, B., CAREY, P., and JONES, K.: Specific semantic word categories in aphasia. *Cortex* (Varese, Italia), 2:74-89, 1966.
- GOODGLASS, H., QUADFASCI, F. A., and TIMBERLAKE, W. H.: Phrase length and the type and severity of aphasia. *Cortex*, 1:133-153, 1964.
- MH-4188 (R01) PAIVIO, ALLAN U.: Personality factors in audience influence. University of New Brunswick, Fredericton, Can. (1960-62)
- PAIVIO, A.: Success and failure, personality and preferred degree of public exposure. *Bulletin of the Maritimes Psychological Association*, 10:50-58, 1961.
- PAIVIO, A.: Audience influence, social isolation, and speech. *Journal of Abnormal and Social Psychology*, 67:247-253, 1963.
- MH-4200 (R01) NEUGARTEN, BERNICE L.: Age norms and socialization in adulthood. University of Chicago, Chicago, Ill. (1960-63)
- NEUGARTEN, B. L., MOORE, J. W., and LOWE, J. C.: Age norms, age constraints, and adult socialization. *American Journal of Sociology*, 70 (6):710-717, 1965.
- MH-4201 (R01) TRICHNER, WARREN H., and BUDOFF, MILTON: Interaction of emotion and body heat regulation. University of Massachusetts, Amherst, Mass. (1961-65)
- BUDOFF, M., and LIEBOWITZ, J.: Tolerance for stress among institutionalized mildly retarded adolescents. *Journal of Consulting Psychology*, 28 (4):333-341, 1964.
- TRICHNER, WARREN H.: Delayed cold-induced vasodilation and behavior. *Journal of Experimental Psychology*, 69(4):426-432, 1965.
- TRICHNER, WARREN H.: Individual thermal and behavioral factors in cold-induced vasodilatation. *Psychophysiology*, 2(4):295-304, 1966.
- MH-4202 (R01) SOLOMON, RICHARD L.: Conditioning and training experiments. University of Pennsylvania, Philadelphia, Pa. (1960- )
- BAUM, MORRIS: "Reversal learning" of an avoidance response as a function of prior fear conditioning and fear extinction. *Canadian Journal of Psychology*, 19(2):85-93, 1965.
- BAUM, MORRIS: An automated apparatus for the avoidance training of rats. *Psychological Reports*, 16(3)Part 2:1205-1211, 1965.
- BAUM, M.: The recovery-from-extinction of an avoidance response following an inescapable shock in the avoidance apparatus. *Psychonomic Science*, 2:7-8, 1965.
- BAUM, MORRIS: Rapid extinction of an avoidance response following a period of response prevention in the avoidance apparatus. *Psychological Reports*, 18(1):59-64, 1966.
- DETHIER, V. G., SOLOMON, RICHARD L., and TURNER, LUCILLE H.: Sensory input and central excitation and inhibition in the blowfly. *Journal of Comparative and Physiological Psychology*, 60 (3):303-313, 1965.
- LEWIS, MICHAEL: Some nondecremental effects of effort. *Journal of Comparative and Physiological Psychology*, 57:367-372, 1964. (Also acknowledges MH-1260).
- OVERMIER, J. BRUCE: Differential transfer of control of avoidance responses as a function of UCS duration. *Psychonomic Science*, 5(1):25-26, 1966.
- OVERMIER, J. BRUCE, and LEAF, RUSSELL C.: Effects of discriminative Pavlovian fear conditioning upon previously or subsequently acquired avoidance responding. *Journal of Comparative and Physiological Psychology*, 60(2):213-217, 1965.
- RESCORLA, ROBERT A.: Relation of bar presses to magazine approaches. *Psychological Reports*, 14:943-948, 1964.
- RESCORLA, ROBERT A.: Predictability and number of pairings in Pavlovian fear conditioning. *Psychonomic Science*, 4(11):383-384, 1966.
- RESCORLA, ROBERT A., and LoLORODO, VINCENT: Inhibition of avoidance behavior. *Journal of Comparative and Physiological Psychology*, 59(3):406-412, 1965.
- SOLOMON, RICHARD L.: Punishment. *American Psychologist*, 19:239-253, 1964.
- SOLOMON, RICHARD L., and TUREN, LUCILLE H.: A note on "A goalless gradient." *Psychological Reports*, 10:203-208, 1962.
- TURNER, LUCILLE H., and SOLOMON, RICHARD L.: Human traumatic avoidance learning: Theory and experiments on the operant respondent distinction and failure to learn. *Psychological Monographs*, 76(40), 1962. (Whole No. 559) (Also acknowledges MH-1246).
- MH-4203 (R01) THOMAS, DAVID R.: Variables in the study of stimulus generalization. Kent State University, Kent, Ohio. (1961-64)
- DICKSON, J. F., and THOMAS, D. R.: Operant discrimination learning and stimulus generalization as a function of reward exposure. *Journal of Comparative and Physiological Psychology*, 56:829-833, 1963.

- Hiss, R. H., and THOMAS, D. R.: Stimulus generalization as a function of testing procedure and response measure. *Journal of Experimental Psychology*, 65:587-592, 1963.
- THOMAS, DAVID R., and BARKER, ELAINE G.: The effects of extinction and "central tendency" on stimulus generalization in pigeons. *Psychonomic Science*, 1:119-120, 1964.
- THOMAS, D. R., and BISTEY, G.: Stimulus generalization as a function of the number and range of generalization test stimuli. *Journal of Experimental Psychology*, 68:599-602, 1964.
- THOMAS, D. R., and CARONITE, S. C.: Stimulus generalization of a positive conditioned reinforcer: II. Effects of discrimination training. *Journal of Experimental Psychology*, 68:402-406, 1964.
- THOMAS, D. R., and HISS, R. H.: A test of the "units hypothesis" with wavelength generalization in human Ss. *Journal of Experimental Psychology*, 65:59-62, 1963.
- THOMAS, D. R., and JONES, C. G.: Stimulus generalization as a function of the frame of reference. *Journal of Experimental Psychology*, 64:77-80, 1962.
- THOMAS, D. R., and LANIER, W. G.: A comparison of the stimulus generalization of tendencies to respond and not to respond. *Psychological Record*, 12:61-65, 1962.
- THOMAS, D. R., and LOPEZ, L. J.: The effect of delayed testing on generalization slope. *Journal of Comparative and Physiological Psychology*, 55:541-544, 1962.
- THOMAS, D. R., and MITCHELL, K.: Instructions and stimulus categorizing in a measure of stimulus generalization. *Journal of the Experimental Analysis of Behavior*, 5:375-381, 1962.
- THOMAS, D. R., and WILLIAMS, J. L.: A further study of stimulus generalization following three-stimulus discrimination training. *Journal of the Experimental Analysis of Behavior*, 6:171-176, 1963.
- THOMAS, D. R., and WILLIAMS, J. L.: Stimulus generalization of a positive conditioned reinforcer. *Science*, 141:172-173, 1963.
- WILLIAMS, J. L., TREICHLER, F. R., and THOMAS, D. R.: Satiation and recovery of the "air-drinking" response in rats. *Psychonomic Science*, 1:49-50, 1964.
- MH-4209 (R01) SHAPIRO, DAVID: Group learning without awareness. Harvard Medical School, Boston, Mass. (1960-63)
- ARSENIAN, J., SEMRAD, E. V., and SHAPIRO, D.: An analysis of integral functions in small groups. *International Journal of Group Psychotherapy*, 12:421-434, 1962.
- LEIDERMAN, P. H., and SHAPIRO, D.: Application of a time series statistic to physiology and psychology. *Science*, 138:141-142, 1962. (Also acknowledges MH-2276).
- LEIDERMAN, D. H., and SHAPIRO, D.: A physiological and behavioral approach to the study of group interaction. *Psychosomatic Medicine*, 25:146-157, 1963. (Also acknowledges MH-2276).
- LEIDERMAN, P. H., and SHAPIRO, D.: Studies on the galvanic skin potential level: Some behavioral correlates. *Journal of Psychosomatic Research*, 7:277-281, 1964. (Also acknowledges MH-2276).
- LEVIN, G., and SHAPIRO, D.: The operant conditioning of conversation. *Journal of the Experimental Analysis of Behavior*, 5(3):309-316, 1962.
- SHAPIRO, D.: The reinforcement of disagreement in a small group. *Behavior Research and Therapy*, 1:267-272, 1963.
- SHAPIRO, DAVID, and LEIDERMAN, P. HERBERT: Studies on the galvanic skin potential level: Some statistical properties. *Journal of Psychosomatic Research*, 7:269-275, 1964. (Also acknowledges MH-2276).
- SHAPIRO, D., and LEIDERMAN, P. H.: Acts and activation: A psychophysiological study of social interaction. In: Leiderman, P. H., and Shapiro, D., eds. *Psychobiological approaches to social behavior*. Stanford, Calif., Stanford Univ. Press, 1964, p. 110-126. (Also acknowledges MH-2276).
- SHAPIRO, D., LEIDERMAN, P. H., and MORNINGSTAR, M.: Social isolation and social interaction: A behavioral and physiological comparison. In: Wortis, J., ed. *Recent advances in biological psychiatry*. New York, Plenum Press, 1964, p. 129-138. (Also acknowledges MH-2276).
- TURSKY, BERNARD, LEIDERMAN, P. HERBERT, and SHAPIRO, DAVID: A system for recording and processing psychophysiological and behavioral data. *Psychophysiological Newsletter*, 8(1):24-32, 1962.
- ZINBERG, N. E., and SHAPIRO, D.: A group approach in the contexts of therapy and education. *Mental Hygiene*, 47:108-116, 1963.
- MH-4211 (R01) WISHNER, JULIUS: Studies in efficiency and psychopathology. University of Pennsylvania, Philadelphia, Pa. (1960- )
- LETCHWORTH, GEORGE E.: Studies in efficiency. Verbal conditioning in schizophrenia. *Journal of Consulting Psychology*, 30(1):45-50, 1966.
- LETCHWORTH, G. E., and WISHNER, J.: Studies in efficiency: Verbal conditioning as a function of degree of task-centering. *Journal of Abnormal and Social Psychology*, 65:238-245, 1962.



- LETCHWORTH, G. E., and WISNER, J.: Studies in efficiency: Verbal conditioning as a function of degree of task centering. A replication. *Journal of Abnormal and Social Psychology*, 67:282-286, 1963.
- PEASTREL, A. L.: Studies in efficiency: Semantic generalization in schizophrenia. *Journal of Abnormal and Social Psychology*, 69:444-449, 1964.
- WISNER, J.: Studies in efficiency: GSR conditioning as a function of degree of task-centering. *Journal of Abnormal and Social Psychology*, 65 (3):170-177, 1962.
- WISNER, J.: Efficiency: Concept and measurement. In: Personality research, Proceedings of the 14th International Congress of Applied Psychology. Vol. 2. Munksgaard, 1962, p. 161-187.
- WISNER, J., PEASTREL, A. L., and FISHBEIN, H. D.: Studies in efficiency: Muscle-action patterns in reaction time as related to GSR conditioning. *Journal of Abnormal and Social Psychology*, 69(2):144-149, 1964.
- MH-4221 (R01) KOUNIN, JACOB S.: Managing emotionally disturbed children in classrooms. Wayne State University, Detroit, Mich. (1960- )
- GUMP, PAUL V., and KOUNIN, JACOB S.: Milieu influences in children's concepts of misconduct. *Child Development*, 32:711-720, 1961.
- MH-4229 (R01) PFEIFFER, CARL C., and TOBIN, JOSEPH M.: Cerebral neurohumors and trained behavior. New Jersey Neuropsychiatric Institute, Princeton, N.J. (1960- )
- BECK, RAYMOND, A., and GOLDSTEIN, LEONIDE: EEG alerting and behavioral stimulant effects of very low doses of atropine in rabbits. (Abstract) *Federation Proceedings*, 23(2):175, 1964.
- BECK, R. A., GOLDSTEIN, L., and PFEIFFER, C. C.: Stimulant effect of psychogenic drugs demonstrated by quantitative EEG. (Abstract) *Pharmacologist*, 5(2):238, 1963.
- GOLDSTEIN, L.: B-adrenergic blocking property of lysergic acid diethylamide (LSD-25). (Abstract) *Federation Proceedings*, 21:337, 1962.
- GOLDSTEIN, L.: Biometric approach to the quantitative analysis of brain waves in animals and man. (Abstract) *Biometrics*, 19(4):660, 1963.
- GOLDSTEIN, LEONIDE, and HENLEY, KERSTIN: Quantitative EEG analysis of cortical-subcortical relationships during drug induced stimulation. (Abstract) *Pharmacologist*, 7(2):145, 1965.
- GOLDSTEIN, L., JENNEY, E. H., MURPHREE, H. B., and PFEIFFER, C. C.: Quantitative electroencephalographic analysis of the effects of lysergic acid diethylamide in animals and man. (Abstract) In: Proceedings of the International Union of Physiological Sciences, 22nd International Congress, Leiden, 1962. Vol. 2. p. 1219.
- GOLDSTEIN, L., MUNOZ, C., and NORTON, G.: The reversal of drug-induced EEG depression by dichloroisoproterenol (DCI). (Abstract) *Electroencephalography and Clinical Neurophysiology*, 13(2), 1961.
- GOLDSTEIN, LEONIDE, MURPHREE, HENRY B., SUGARMAN, A. A., PFEIFFER, CARL C., and JENNEY, ELIZABETH H.: Quantitative electroencephalographic analysis of naturally occurring (schizophrenic) and drug-induced psychotic states in human males. *Clinical Pharmacology and Therapeutics*, 4(1):10-21, 1963.
- GOLDSTEIN, LEONIDE, SUGARMAN, A. ARTHUR, STOLBERG, HUBERT, MURPHREE, HENRY B., and PFEIFFER, CARL C.: Elector-cerebral activity in schizophrenics and nonpsychotic subjects: Quantitative EEG amplitude analysis. *Electroencephalography and Clinical Neurophysiology*, 19(4):350-361, 1965.
- JENNEY, E. H., MURPHREE, H. B., GOLDSTEIN, L., and PFEIFFER, C. C.: Behavioral and EEG effects of  $\gamma$ -butyrolactone and  $\gamma$ -hydroxybutyric acid in man. (Abstract) *Pharmacologist*, 4:166E, 1962.
- KREMZNER, LEON T.: A partial characterization of acetylcholinesterase. (Abstract) *Federation Proceedings*, 23(2)Part 1:177, 1964.
- MUNOZ, CARLOS, and GOLDSTEIN, LEONIDE: Quantitative EEG studies on the action of adrenergic blocking drugs upon the analeptic effects of dl-amphetamine in rabbits. (Abstract) *Pharmacologist*, 2(2):80, 1960.
- MURPHREE, HENRY B.: Quantitative studies on humans on the antagonism of d-lysergic acid diethylamide by chlorpromazine and phenoxybenzamine. *Clinical Pharmacology and Therapeutics*, 3(3):314-320, 1962.
- MURPHREE, HENRY B.: Clinical pharmacology of potent analgesics. *Clinical Pharmacology and Therapeutics*, 3(4):473-504, 1962.
- MURPHREE, H. B.: The use of potent analgesics. (Abstract) *American Journal of Nursing*, 63:104, 1963.
- MURPHREE, HENRY B.: Effects in human volunteers of subparalytic doses of dihydro- $\beta$ -erythroidine. *Clinical Pharmacology and Therapeutics*, 4(3):304-310, 1963. (Also acknowledges MH-875).
- MURPHREE, HENRY B.: Time-series analysis of EEG effects of two barbiturates in humans. (Abstract) *Pharmacologist*, 5:233, 1963.
- MURPHREE, HENRY B., DIPPY, ROY H., JENNEY, ELIZABETH, and PFEIFFER, CARL C.: Effects in normal man of  $\alpha$ -methyltryptamine and  $\alpha$ -ethyl-

- tryptamine. *Clinical Pharmacology and Therapeutics*, 2(6):722-726, 1961. (Also acknowledges MH-875).
- MURPHREE, H. B., DIPPY, ROY H., PFEIFFER, CARL C., and WILLIAMS, HARRY L.: Threshold doses of lysergic acid diethylamide, a method for exploring antagonism of this drug by other agents. (Abstract) *Federation Proceedings*, 20(1):397, 1961.
- MURPHREE, H. B., GOLDSTEIN, L., PFEIFFER, C. C., and JENNEY, E. H.: Comparative EEG analysis of the effect of barbiturates on normal and schizophrenic subjects. (Abstract) *Pharmacologist*, 4:166C, 1962.
- MURPHREE, HENRY B., JENNEY, ELIZABETH, H., and PFEIFFER, CARL C.: Comparison of the effects of congeners of lysergic acid diethylamide and tryptophane in normal human volunteers. (Abstract) *Pharmacologist*, 2(2):64, 1960.
- MURPHREE, H. B., JENNEY, E. H., and PFEIFFER, C. C.: Quantitative electroencephalographic analysis of the effects of lysergic acid diethylamide (LSD-25) and d-amphetamine in man. (Abstract) *Federation Proceedings*, 21:337, 1962.
- MURPHREE, HENRY B., KARABELAS, MICHAEL J., and BRYAN, LAURENCE L.: Scores of inmates of federal penitentiary on two scales of the MMPI. *Journal of Clinical Psychology*, 18(3):137-139, 1962.
- MURPHREE, H. B., PFEIFFER, CARL C., and BACKERMAN, IVAN A.: The stimulant effect of 2-dimethylaminoethanol (deanol) in human volunteer subjects. *Clinical Pharmacology and Therapeutics*, 1(3):303-310, 1960.
- MURPHREE, H. B., PFEIFFER, C. C., and GOLDSTEIN, L.: EEG effects of antihistamines. (Abstract) *Pharmacologist*, 7(2):145, 1965.
- MURPHREE, H. B., PFEIFFER, C. C., SCHRAMM, L. P., and JENNEY, E. H.: Computer analysis of drug effects on the electroencephalograms of normal and psychotic subjects. (Abstract) *Biochemical Pharmacology*, 12(Suppl.):176, 1963.
- MURPHREE, H. B., SIERA, O. L., and SCHRAMM, L. P.: Quantitative EEG comparisons of drug-free, treated, and post-treated psychotic patients and normal subjects. (Abstract) *Federation Proceedings*, 23(2), 1964.
- MURPHREE, H. B., SUGERMAN, A. A., JENNEY, E. H., and SCHULTZ, R. E.: Quantitative EEG effects in male chronic schizophrenics of phenothiazines and deanol. (Abstract) *Federation Proceedings*, 22(2)Part I:510, 1963.
- PFEIFFER, CARL C.: Some observations regarding hydrazides and convulsions. In: *Inhibitions of the nervous system and aminobutyric acid*. New York, Pergamon Press, 1960, p. 324-327.
- PFEIFFER, CARL C.: Present status of Deanol as a cerebral stimulant. *Psychosomatics*, 2(2):85-88, 1961.
- PFEIFFER, CARL C.: Part XI. Exploratory trials of new drugs in man. *Clinical Pharmacology and Therapeutics*, 3(3):397-399, 1962.
- PFEIFFER, CARL C., GOLDSTEIN, L., and MUNOZ, CARLOS: Quantitative EEG analysis of the stimulant properties of histamine and histamine derivatives. (Abstract) *Federation Proceedings*, 22(2)Part I:424, 1963.
- PFEIFFER, CARL C., GOLDSTEIN, L., MUNOZ, CARLOS, MURPHREE, H. B., and JENNEY, E. H.: Quantitative comparisons of the electroencephalographic stimulant effects of Deanol, choline and amphetamine. *Clinical Pharmacology and Therapeutics*, 4(4):461-466, 1963. (Also acknowledges MH-875).
- PFEIFFER, CARL C., GOLDSTEIN, L., MURPHREE, H. B., and JENNEY, E. H.: Electroencephalographic assay of anti-anxiety drugs. *Archives of General Psychiatry*, 10:446-454, 1964.
- PFEIFFER, CARL C., GOLDSTEIN, LEONIDE, MURPHREE, HENRY B., and SUGERMAN, ARTHUR: Time-series, frequency analysis, and electrogenesis of the EEGs of normals and psychotics before and after drugs. *American Journal of Psychiatry*, 121(12):1147-1155, 1965.
- PFEIFFER, C. C., JENNEY, E. H., MURPHREE, H. B., and GOLDSTEIN, L.: EEG effects of lysergic acid diethylamide (LSD) in normal volunteers and schizophrenic patients. (Abstract) *Pharmacologist*, 4:166 B, 1962.
- PFEIFFER, CARL C., and SCHULTZ, ROBERT E.: Quantitative assay of anti-anxiety drugs in man: II. Barbiturates. (Abstract) *Federation Proceedings*, 23(2):175, 1964.
- SCHRAMM, L. P., SIERA, C. L., and MURPHREE, H. B.: A new technique for assay of CNS drug effect by time-series and frequency analysis of the EEG. (Abstract) *Pharmacologist*, 5:238, 1963.
- SUGERMAN, A. ARTHUR, GOLDSTEIN, L., MURPHREE, H. B., PFEIFFER, C. C., and JENNEY, E. H.: EEG and behavioral changes in schizophrenia. *Archives of General Psychiatry*, 10(4):340-344, 1964.
- MH-4230 (R01) BOYD, EUGENE: Neuropharmacological effects of tetrahydrocannabinol. University of Rochester, Rochester, N.Y. (1960- )
- BOYD, E. S., HUTCHINSON, E. D., GARDNER, L. C., and MERITT, D. A.: Effects of Tetrahydrocannabinols and other drugs on operant behavior in rats. *Archives Internationales de Pharmacodynamie et de Therapie*, 144(3-4):533-554, 1963.
- BOYD, E. S., and MERITT, D. A.: Effects of a tetrahydrocannabinol derivative on some motor systems

- in the cat. *Archives Internationales de Pharmacodynamie et de Therapie*, 153(1):1-12, 1965.
- BOYD, E. S., and MERITT, D. A.: Effects of thio-pental and tetrahydrocannabinol derivative on arousal and recruiting in the cat. *Journal of Pharmacology and Experimental Therapeutics*, 149(1): 138-145, 1965.
- MH-4231 (R01) BLISS, EUGENE L., and GROSSER, BERNARD I.: Effects of psychological stress on brain metabolism. University of Utah, Salt Lake City, Utah. (1960-64)
- BLISS, E. L.: Anorexia nervosa-psychogenic malnutrition. *Southern Medical Journal*, 56:529-533, 1963.
- GROSSER, B. I., and BLISS, E. L.: Corticosteroid metabolism by rat cerebral cortex. 2<sup>a</sup> Reunion Anual Sociedad Mexicana de Nutricion y Endocrinologia A.C., Mexico, D.F., 1961, p. 119-126.
- GROSSER, B. I., and BLISS, E. L.: Metabolism of 11-hydroxysteroids by rat cerebral cortex in vitro. (Abstract) *Federation Proceedings*, 22:No. 660, March-April, 1963.
- MH-4233 (R01) MICHAUX, MARY H. (TATOM), and HANLON, THOMAS: Rater perseveration in measures of patient change. Spring Grove State Hospital, Catonsville, Md. (1960-62)
- MICHAUX, MARY HELEN, OTA, KAY Y., HANLON, T. E., and KURLAND, A. A.: Rater perseveration in measurement of patient change. *Educational and Psychological Measurement*, 23(1):171-184, 1963.
- MH-4234 (R01) TUNTURI, ARCHIE R.: Psychotomimetic drugs and patterns of auditory cortex. University of Oregon Medical School, Portland, Ore. (1960- )
- TUNTURI, ARCHIE R.: Statistics of spontaneous electrical activity of supra- and ectosylvian gyri of the dog. *American Journal of Physiology*, 204:51-59, 1963.
- TUNTURI, ARCHIE R.: The brain as a self organizing system. *Naval Research Reviews*, 1-9, September 1964.
- MH-4235 (R01) MELZACK, RONALD: Effects of early sensory isolation. Massachusetts Institute of Technology, Cambridge, Mass. (1960-63)
- BURNS, S. K., and MELZACK, R.: A method for analyzing variations in evoked responses. *Electroencephalography and Clinical Neurophysiology*, 20(4):407-409, 1966. (Also acknowledges MH-4737).
- HAMBRECHT, F. T., DONAHUE, P. D., and MELZACK, R.: A multiple channel BEG telemetering system. *Electroencephalography and Clinical Neurophysiology Journal*, 15:323-326, 1963.
- MELZACK, R.: The perception of pain. *Scientific American*, 204:41-49, 1961.
- MELZACK, R.: Neuropsychological effects of early sensory restriction. *Quarterly Progress Report* (Research Laboratory of Electronics, Massachusetts Institute of Technology), No. 65:267-278, April 15, 1962.
- MELZACK, R.: Neuropsychological effects of early sensory restriction. *Quarterly Progress Report* (Research Laboratory of Electronics, Massachusetts Institute of Technology), No. 67:237-249, October 15, 1962.
- MELZACK, R.: Effects of early perceptual restriction on simple visual discrimination. *Science*, 137: 978-979, 1962.
- MELZACK, RONALD: Influence of early experience on the cue-arousal effects of stimulation. In: Edwards, A. J., and Cawley, J. F., eds. *Physiological determinates of behavior: Implications for mental retardation*. Lawrence, University of Kansas Press, 1964, p. 79-108.
- MELZACK, RONALD: Effects of early experience on behavior: Experimental and conceptual considerations. In: Hoch, P. H., and Zubin, J., eds. *Psychopathology of perception*. New York, Grune & Stratton, 1965, p. 271-299.
- MELZACK, RONALD, and BURNS, S. K.: Neuropsychological effects of early sensory restriction. *Boletin del Instituto de Estudios Medicos y Biologicos* (Mexico), 21:407-425, 1963. Also in: *Experimental Neurology*, 13(2):163-175, 1965. (Also acknowledges MH-4737).
- MELZACK, R., ROSE, G., and MCGINTY, D.: Skin sensitivity to thermal stimuli. *Experimental Neurology*, 6:300-314, 1962.
- MELZACK, R., and WALL, P. D.: On the nature of cutaneous sensory mechanisms. *Brain*, 85(2): 331-356, 1962. (Also acknowledges MH-4737).
- RODGERS, W. L., MELZACK, R., and SEGAL, J. R.: "Tail-flip response" in goldfish. *Journal of Comparative and Physiological Psychology*, 56:917-923, 1963.
- WALL, P. D., and MELZACK, R.: Neural mechanisms which discriminate events on the skin. *IRE Transactions on Information Theory*, IT-8: 120-125, 1962. (Also acknowledges MH-4737).
- MH-4236 (R01) COOMBS, CLYDE H.: Risk-taking behavior in decision-making. University of Michigan, Ann Arbor, Mich. (1960- )
- COOMBS, CLYDE H.: A theory of data. New York, Wiley & Sons, 1964, 585 p.

- COOMBS, C. H., and GOLDBERG, D.: Some applications of unfolding theory to fertility analysis. In: *Emerging techniques in population research*. New York, Milbank Memorial Fund, 1963, p. 105-129.
- DAWES, ROBYN M.: Social selection based on multi-dimensional criteria. *Journal of Abnormal and Social Psychology*, 68:104-109, 1964.
- DAWES, ROBYN M.: Cognitive distortion. *Psychological Reports*, 14:443-459, 1964.
- MH-4237 (R01) VANDERPLAS, JAMES M.: Physical and linguistic factors in form perception. Washington University, St. Louis, Mo. (1960-63)
- OJEMANN, RALPH H., MAXEY, E. JAMES, and SNIDER, BILL C. F.: Effects of guided learning experiences in developing probability concepts at the fifth grade level. *Perceptual and Motor Skills*, 21(2):415-427, 1965.
- VANDERPLAS, J. M.: Associative processes and task relations in perceptual learning. *Perceptual and Motor Skills*, 16:501-509, 1963.
- VANDERPLAS, J. M., SANDERSON, W. A., and VANDERPLAS, J. N.: Some task-related determinants of transfer in perceptual learning. *Perceptual and Motor Skills*, 18:71-80, 1964.
- MH-4238 (R01) RAPOPORT, ANATOL: Coordination and cooperation in small groups. University of Michigan, Ann Arbor, Mich. (1960- )
- RAPOPORT, AMNON: A study of human control in a stochastic multistage decision task. *Behavioral Science*, 11(1):18-32, 1966.
- RAPOPORT, ANATOL: Some self-organizing parameters in three-person groups. In: Von Foerster, H., and Zopf, G. W., Jr., eds. *Principles of self-organization*. New York, Pergamon, 1962, p. 1-24.
- RAPOPORT, ANATOL, and CHAMMAH, ALBERT M.: Prisoner's dilemma. A study in conflict and cooperation. Ann Arbor, University of Michigan Press, 1965, 258 p.
- MH-4239 (R01) WALKER, EDWARD L.: Stimulus produced arousal patterns and learning. University of Michigan, Ann Arbor, Mich. (1960-64)
- DEWSBURY, D. A.: Changes in stimulus preference as a function of exposure in an extra-test situation. *Psychonomic Science*, 2(7):175-176, 1965.
- DI LOLLO, V., and WALKER, E. L.: Speed and basal resistance level (BRL) in a segmented straight alley. *Psychological Record*, 14:499-505, 1964.
- HOUSTON, J. P., GASKOF, B. E., NOYD, D. E., and ERSKINE, J. M.: First-list retention as a function of the method of recall. *Journal of Experimental Psychology*, 69(3):326-327, 1965.
- KAPLAN, RACHEL: Rat basal resistance level under stress and nonstress conditions. *Journal of Comparative and Physiological Psychology*, 56:775-777, 1963.
- KAPLAN, S., and KAPLAN, RACHEL: Skin resistance recording in the unrestrained rat. *Science*, 138:1403-1404, 1962.
- KLEINSMITH, L. J., and KAPLAN, S.: Paired-associate learning as a function of arousal and interpolated interval. *Journal of Experimental Psychology*, 65(2):190-193, 1963.
- KLEINSMITH, L. J., and KAPLAN, S.: The interaction of arousal and recall interval in nonsense syllable paired-associate learning. *Journal of Experimental Psychology*, 67:124-126, 1964.
- KLEINSMITH, L. J., KAPLAN, S., and TARTE, R. D.: The relationship of arousal to short- and long-term verbal recall. *Canadian Journal of Psychology*, 17(4):393-397, 1963.
- WALKER, B. E., and WALKER, E. L.: Learning, extinction, and relearning of running and basal skin resistance (BRL) in a segmented straight alley. *Psychological Record*, 14:507-513, 1964.
- WALKER, E. L., COHEN, AVIS, and DOYLE, CHARLOTTE: Skin resistance in relation to stimulus change and estrus in rats. *Psychological Record*, 14:25-30, 1964.
- WALKER, E. L., and TARTE, R. D.: Memory storage as a function of arousal and time with homogeneous and heterogeneous lists. *Journal of Verbal Learning and Verbal Behavior*, 2:113-119, 1963.
- WALKER, E. L., and WALKER, B. E.: Response to stimulus complexity in the rat. *Psychological Record*, 14:489-497, 1964.
- WEEMS, L. B., and WALKER, E. R.: Speed and basal resistance level (BRL) in a segmented straight alley as a function of alteration of the stimulus, gentling, and isolations. *Psychological Record*, 14:515-519, 1964.
- MH-4240 (R01) CASTANEDA, ALFRED, and PENNY, RONALD K.: Factors in verbal paired-associate learning. University of Texas, Austin, Texas. (1960-64)
- CASTANEDA, A.: Anxiety and the differential adaptation hypothesis. *Psychometric Science*, 1:25-26, 1954.
- CASTANEDA, A., FAHEL, L. S., and ODOM, R.: Associative characteristics of sixty-three adjectives and their relation to verbal paired-associates learning in children. *Child Development*, 32:297-304, 1961.
- LUNNEBORG, P. W.: Relations among social desirability, achievement, and anxiety measures in children. *Child Development*, 35:169-182, 1964.

- McCULLERS, J. C.: Effects of associative strength, grade level and inter-pair interval in verbal paired-associate learning. *Child Development*, 32:773-778, 1961.
- McCULLERS, J. C.: An analysis of some factors underlying intralist associative transfer in paired-associate learning. *Journal of Experimental Psychology*, 65:163-168, 1963.
- PENNEY, RONALD K., and KIRWIN, PAUL M.: Differential adaptation of anxious and nonanxious children in instrumental escape conditioning. *Journal of Experimental Psychology*, 70(5):539-541, 1965.
- MH-4241 (R01) PAYTON, CAROLYN R., and BLAKE, LILLIAN: Vertical perception as a threshold function. Howard University, Washington, D.C. (1960-64)
- PAYTON, CAROLYN R., and BLAKE, LILLIAN: Difference limen for perception of the vertical in monkeys. *Perceptual and Motor Skills*, 19:455-461, 1964.
- MH-4244 (R01) PAUL, IRVING H.: Study of memory styles. New York University, New York, N.Y. (1960-63)
- AUL, I. H.: The effects of a drug-induced alteration in state of consciousness on retention of drive-related verbal material. *Journal of Nervous and Mental Disease*, 138:367-374, 1964.
- AUL, IRVING H., LANGS, ROBERT J., and BARR, HARRIET LINTON: Individual differences in the recall of a drug experience. *Journal of Nervous and Mental Disease*, 140(2):122-145, 1965. (Also acknowledges MH-3670).
- MH-4245 (R01) GARDNER, BEATRICE T.: Analysis of response chains. Wellesley College, Wellesley, Mass. (1960-63)
- GARDNER, B. T.: Hunger and sequential responses in the hunting behavior of salticid spiders. *Journal of Comparative and Physiological Psychology*, 58:167-173, 1964.
- MH-4253 (R10) LAZURE, DENIS, KLINE, NATHAN S., and SANSEIGNIE, ALAIN: Psychiatric services in an underdeveloped country. Medico Inc., New York, N.Y. (1960-62)
- ORDELEAU, J. M., and KLINE, N. S.: Experience in developing psychiatric services in Haiti. *World Mental Health*, 14:170-182, 1962.
- KLINE, N. S., ed.: Psychiatry in the underdeveloped countries. Transcript of roundtable presentation and discussion. Washington, D.C., American Psychiatric Association, 1960, p. 1-42.
- KLINE, N. S.: Bringing clinical services to underdeveloped countries and contributions to basic knowledge that can be expected from such enterprises. *Acta Psychiatrica Scandinavica*, 38:170-175, 1962.
- KLINE, N. S.: The proper study of mankind. *Overseas*, 1:6-10, 1962.
- KLINE, N. S.: No man is a stranger. Film: Schering Corp., Bloomfield, New Jersey.
- KLINE, N. S., and MARS, L.: The Haiti Psychiatric Institute: Centre de psychiatrie. In: Kline, N. S., ed. *Psychiatry in the underdeveloped countries*. Washington, D.C., American Psychiatric Association, 1960, p. 48-51.
- MH-4260 (R01) CLARK, MERVIN L., RAY, THOMAS S., and SMITH, CARL W.: Predictors of drug response in schizophrenia. University of Oklahoma, Oklahoma City, Okla. (1960- )
- CLARK, M. L., RAY, T. S., and RAGLAND, R. E.: Chlorpromazine in chronic schizophrenic women: Rate of onset and rate of dissipation of drug effects. *Psychosomatic Medicine*, 25(3):212-217, 1963. (Also acknowledges MH-1600).
- PUGH, LAWRENCE A., OLDROYD, CARL R., RAY, THOMAS S., and CLARK, MERVIN L.: Muscular effort and electrodermal responses. *Journal of Experimental Psychology*, 71(2):241-248, 1966.
- PUGH, LAWRENCE A., RAY, THOMAS S., and OKLA, NORMAN: Behavior style categories of chronic schizophrenic women. *Archives of General Psychiatry*, 13(5):457-463, 1965. (Also acknowledges MH-1600).
- RAY, T. S., RAGLAND, R. E., and CLARK, M. L.: Chlorpromazine in chronic schizophrenic women: Comparison of differential effects on various psychological modalities during and after treatment. *Journal of Nervous and Mental Disease*, 138:348-353, 1964. (Also acknowledges MH-1600).
- SAMPSON, P. H., RAY, T. S., PUGH, L. A., and CLARK, M. L.: Picture recognition as an index of social sensitivity in chronic schizophrenia: The effects of chlorpromazine. *Journal of Consulting Psychology*, 26(6):510-514, 1962.
- MH-4262 (R03) SIMON, J. RICHARD: A study of the behavior of hospitalized patients. State University of Iowa, Iowa City, Iowa. (1960-62)
- SIMON, J. R.: Effects of age on the behavior of hospitalized patients. *Journal of Gerontology*, 19:364-369, 1964.
- MH-4266 (R03) GOLDBERG, MARSHALL, and MORRISON, JAMES M.: Relationships between thyroid hormones and alcoholism. St. Vincent Hospital, Worcester, Mass. (1960-61)
- GOLDBERG, M.: Thyroid impairment in chronic alcoholics. (Abstract) *American Journal of Psychiatry*, 119(3):255-256, 1962.

- GOLDBERG, MARSHAL: Thyroid function in chronic alcoholism. *Lancet*, 2(7259):746-749, 1962.
- GOLDBERG, M., HEHIR, R., and HUROWITZ, M.: Intravenous triiodothyronine in acute alcoholic intoxication. *New England Journal of Medicine*, 263:1336-1339, 1960.
- MH-4267 (R01) WOLMAN, IRVING J., and GARRISON, MORTIMER, JR.: The significance of ovalocytosis in mental deficiency. Woods Schools, Langhorne, Pa. (1960-61)
- KIOSOGLOU, K. A., GARRISON, M., WALKER, ADELYN, and WOLMAN, I. J.: The leucocyte, differential and polymorphonuclear blood counts in mongols and in "organic" mental retardation. *Journal of Mental Deficiency Research*, 7:69-78, 1963.
- KIOSOGLOU, K. A., and WALKER, ADELYN: The use of peripheral blood leukocyte concentrates for sex determination. *American Journal of Mental Deficiency*, 67:78-81, 1962.
- KIOSOGLOU, K. A., WOLMAN, I. J., and GARRISON, M.: Fetal hemoglobin-containing erythrocytes. I. Counts of cells stained by the acid elution method compared with alkali denaturation measurements. *Blood*, 21:553-560, 1963.
- WOLMAN, IRVING J., WALKER, ADELYN, KIOSOGLOU, KOSMAS A., and GARRISON, MORTIMER, JR.: Ovalocytosis in normal and mentally retarded subjects. *American Journal of Mental Deficiency*, 70(4):515-519, 1966.
- MH-4276 (R03) FREEMAN, HARRY, and TEDESCHI, CESARE G.: Intracellular chromatin masses in male schizophrenics. Medfield State Hospital, Medfield, Mass. (1960-61)
- TEDESCHI, LUKE G., and FREEMAN, HARRY: Sex chromosomes in male schizophrenics. *Archives of General Psychiatry*, 6:109-111, 1962.
- MH-4286 (R01) PALERMO, DAVID S., JENKINS, JAMES J.: Word association norm—grade school through college. University of Minnesota, Minneapolis, Minn. (1960-63)
- PALERMO, D. S.: Word associations and children's verbal behavior. In: Lipsitt, L. P., and Spiker, C. C., eds. *Advances in child development and behavior*. Vol. 1. New York, Academic Press, 1963, p. 31-68.
- PALERMO, D. S., and JENKINS, J. J.: Superordinates, "maturity" and logical analyses of language. *Psychological Reports*, 10:437-438, 1962.
- PALERMO, D. S., and JENKINS, J. J.: Free association responses to the primary responses of the Palermo-Jenkins word association norms for grade school children. University Park, Pa., Department of Psychology, Pennsylvania State University, 1963. (Research Bulletin #37).
- PALERMO, D. S., and JENKINS, J. J.: Frequency of superordinate response to a word association test as a function of age. *Journal of Verbal Learning and Verbal Behavior*, 1:378-383, 1963.
- PALERMO, D. S., and JENKINS, J. J.: Paired-associate learning as a function of the strength of links in the associative chain. In: Research Bulletin, No. 39. University Park, Pa., Department of Psychology, Pennsylvania State University, 1964.
- PALERMO, D. S., and JENKINS, J. J.: Sex differences in word associations. *Journal of General Psychology*, 72:77-84, 1965.
- WICKLUND, D. A., PALERMO, D. S., and JENKINS, J. J.: The effects of associative strength and response hierarchy on paired-associate learning. Research Bulletin No. 38. University Park, Pa., Department of Psychology, Pennsylvania State University, 1964.
- MH-4287 (R01) POPE, BENJAMIN: Verbal activity level in the psychiatric interview. University of Maryland, Baltimore, Md. (1960- )
- POPE, B.: An intercorrelational study of some indices of verbal fluency. *Psychological Reports*, 15: 303-310, 1964.
- POPE, B., and STEGMAN, A. W.: The effect of therapist activity level and specificity on patient productivity and speech disturbance in the initial interview. *Journal of Consulting Psychology*, 26 (5):489, 1962.
- POPE, BENJAMIN, and STEGMAN, ARON W.: Interviewer specificity and topical focus in relation to interviewee productivity. *Journal of Verbal Learning and Verbal Behavior*, 4(3):188-192, 1965.
- STEGMAN, A. W., and POPE, B.: An empirical scale for the measurement of therapist specificity in the initial psychiatric interview. *Psychological Reports*, 11:515-520, 1962.
- MH-4290 (R01) MERTZ, EDWIN T., and JOLLY, DONALD: Experimental phenylketonuria in rats. Purdue University, Lafayette, Ind. (1960-64)
- CULLBY, W. J., MERTZ, E. T., LUCE, M. W., CALANDRO, J. M., and JOLLY, D. H.: Paper chromatographic estimation of phenylalanine and tyrosine using finger-tip blood. *Clinical Chemistry*, 8: 266-269, 1962.
- CULLBY, W. J., SAUNDERS, R. N., JOLLY, D. H., and MERTZ, E. T.: Reduction of brain serotonin levels in rats fed phenylpyruvic acid. (Abstract) *Federation Proceedings*, 21(2):364, 1962.
- CULLEY, W. J., SAUNDERS, R. N., MERTZ, E. T., and JOLLY, D. H.: Effect of phenylalanine and its

- metabolites on the brain serotonin level of the rat. *Proceedings of the Society for Experimental Biology and Medicine*, 111:444-446, 1962.
- CULLEY, W. J., SAUNDERS, R. N., MERTZ, E. T., and JOLLY, D. H.: Effect of a tryptophan deficient diet on brain serotonin and plasma tryptophan level. *Proceedings of the Society for Experimental Biology and Medicine*, 113:645-648, 1963.
- MATHIJS, SPENCER R., JR., and FINGER, FRANK W.: Direct observation of the rat's activity during food deprivation. *Physiology and Behavior*, 1 (1):85-88, 1966.
- MH-4294 (R01) SIMON, ERIC J.: Biochemical basis of narcotics addiction. New York University Medical Center, New York, N.Y. (1961-63)
- PRAGG, DINA VAN, SIMON, ERIC J., and ROSENKRANZ, HERBERT S.: The effects of various bacterial and viral inhibitors on the development and metabolism of fertilized sea urchin eggs. *Biological Bulletin*, 127(2):394-395, 1964.
- SIMON, E. J.: The inhibition of RNA synthesis in *E. coli* by a drug of the morphine series. *Federation Proceedings*, 22:533, 1963.
- SIMON, E. J.: Inhibition of RNA synthesis in *E. coli* by the narcotic drug levorphanol. (Abstract) *Nature*, 198(4882):794-795, 1963.
- SIMON, E. J.: The effects of narcotics on single cells. *Bulletin of the New York Academy of Medicine*, 40:85, 1964.
- SIMON, E. J.: Inhibition of bacterial growth by drugs of the morphine series. *Science*, 144:543-544, 1964.
- SIMON, ERIC J., and VAN PRAGG, DINA: Inhibition of RNA synthesis in *escherichia coli* by levorphanol. *Proceedings of the National Academy of Sciences*, 51(5):877-883, 1964.
- SIMON, ERIC J., and VAN PRAGG, DINA: Selective inhibition of synthesis of ribosomal RNA in *escherichia coli* by levorphanol. *Proceedings of the National Academy of Sciences*, 51(6):1151-1158, 1964.
- SIMON, ERIC J., and VAN PRAGG, DINA: Selective inhibition of the synthesis of ribosomal RNA in *escherichia coli* by levorphanol. (Abstract) *6th International Congress of Biochemistry*, New York, N.Y., July 26-Aug. 1, 1964, Section 1, p. 86.
- MH-4295 (R01) WESTFALL, BERTIS A., and RUSSELL, ROBERT L.: Pharmacology of some plants indigenous to Missouri. University of Missouri, Columbia, Mo. (1961-63)
- AUYONG, T. K., RUSSELL, R. L., and WESTFALL, B. A.: Effects of juglone on isolated rabbit heart. (Abstract) *Federation Proceedings*, April:95, 1962.
- AUYONG, T. K., WESTFALL, B. A., and RUSSELL, R. L.: Pharmacological aspects of juglone. *Toxicology*, 1:235-239, 1963.
- WESTFALL, B. A., RUSSELL, R. L., and AUYONG, T. K.: Depressant agent from walnut hulls. (Abstract) *Science*, 134(3490):1617, 1961.
- MH-4296 (R03) ROBINSON, JOHN S.: Experimental tests of perceptual learning hypotheses. Princeton, N.J. (1960-61)
- ROBINSON, JOHN S., BROWN, LARRY T., and HAYES, WILLIAM H.: Test of effects of past experience on perception. *Perceptual and Motor Skills*, 18:953-956, 1964.
- MH-4300 (R03) BULLOWA, MARGARET: Development from vocal to verbal behavior in child. Massachusetts Mental Health Center, Boston, Mass. (1960-65)
- BRAZELTON, T. BERRY, and YOUNG, GRACE: An example of imitative behavior in a nine week old infant. *Journal of the American Academy of Child Psychiatry*, 3:53-67, 1964.
- MH-4302 (R01) CAMPBELL, ERNEST Q.: Normative controls and the social use of alcohol. University of North Carolina, Chapel Hill, N.C. (1960-63)
- ALEXANDER, CHARLES NORMAN: A method for processing sociometric data. *Sociometry*, 26:268-269, 1963.
- ALEXANDER, CHARLES N.: Consensus and mutual attraction. A study of adolescent drinkers in natural cliques. *American Journal of Sociology*, 69:395-403, 1964.
- ALEXANDER, C. NORMAN, JR.: Ordinal position and sociometric status. *Sociometry*, 29(1):41-51, 1966.
- ALEXANDER, C. N., and CAMPBELL, E. Q.: Peer influences on adolescent educational aspirations and attainments. *American Sociological Review*, 29:568-575, 1964.
- CAMPBELL, ERNEST Q.: High school drinking in North Carolina. In: Youth and alcohol education. North Carolina State Board of Health, 1963.
- CAMPBELL, ERNEST Q.: The internalization of moral norms. *Sociometry*, 27:391-412, 1964.
- CAMPBELL, ERNEST Q., and ALEXANDER, CHARLES NORMAN: Peer influences on adolescent educational aspirations and attainments. *American Sociological Review*, 29:568-575, 1964.
- CAMPBELL, ERNEST Q., and ALEXANDER, C. NORMAN: Structural effects and interpersonal relationships. *American Journal of Sociology*, 71(3):284-289, 1966.

- MH-4306 (R01) HATHAWAY, STARKE R., and MONACHESI, ELIO D.: Preservation of a research source for follow-up. University of Minnesota, Minneapolis, Minn. (1960-66)
- HATHAWAY, S. R., and MONACHESI, E. D.: An atlas of juvenile MMPI profiles. Minneapolis, Minn., University of Minnesota Press, 1961, 401 p.
- HATHAWAY, S. R., and MONACHESI, E. D.: Adolescent personality and behavior. Minneapolis, University of Minnesota Press, 1963, 193 p.
- HATHAWAY, S. R., and MONACHESI, E. D.: Adolescent personality and behavior: Delinquency. *University of Minnesota Medical Bulletin*, 34:257-259, 1963.
- MH-4309 (R01) JOHNSON, GUY B., JR.: A study of values in two communities. University of Oregon, Eugene, Ore. (1961-63)
- JOHNSON, BENTON: Ascetic Protestantism and political preference. *Public Opinion Quarterly*, 26: 35-46, 1962.
- JOHNSON, BENTON: On church and sect. *American Sociological Review*, 28:539-549, 1963.
- JOHNSON, BENTON: Ascetic Protestantism and political preference in the deep South. *American Journal of Sociology*, 69:359-366, 1964.
- JOHNSON, BENTON: Theory and party preference among protestant clergymen. *American Sociological Review*, 31(2):200-208, 1966.
- MH-4314 (R01) GALDSTON, IAGO, and FEJOS, PAUL: Conference on medicine and anthropology. New York Academy of Medicine, New York, N.Y. (1960-62)
- GALDSTON, IAGO: Man's image in medicine and anthropology. (Monograph for Institute of Social and Historic Medicine, New York Academy of Medicine). New York, International Universities Press, 1963, 525 p.
- MH-4318 (R03) GOLDMAN, ALFRED E.: Ontogenesis of superordination. Norristown State Hospital, Norristown, Pa. (1960-61)
- GOLDMAN, A. E., and LEVINE, M.: A developmental study of object-sorting. *Child Development*, 34:649-666, 1963.
- MH-4319 (R03) BAUGHMAN, EMMETT E.: Fantasy behavior of certain southern children. University of North Carolina, Chapel Hill, N.C. (1960-61)
- MINGIONE, A. D.: Need for achievement in negro and white children. *Journal of Consulting Psychology*, 29(2):108-111, 1965.
- MH-4320 (R01) JACOBS, HARRY L.: Psychophysiology of sugar appetite. University of Rochester, Rochester, N.Y. (1960-62) (Continued as MH-5754).
- JACOBS, HARRY L.: The osmotic postingestion factor in the regulation of glucose appetite. In: Kare, M., and Halpern, B., eds. *The physiological and behavioral aspects of taste*. Chicago, University of Chicago Press, 1961, p. 16-28. (Also acknowledges MH-3448).
- JACOBS, HARRY L.: Some physical, metabolic, and sensory components in the appetite for glucose. *American Journal of Physiology*, 203:1043-1054, 1962. (Also acknowledges MH-3448).
- JACOBS, HARRY L.: Evidence for a bipolar detector system involved in hunger. *Physiologist*, 6:209, 1963. (Also acknowledges MH-5754).
- JACOBS, HARRY L.: Effects of intragastric hypertonic glucose loads on AC brain resistance in rats. *Proceedings of the Society for Experimental Biology and Medicine*, 114:657-659, 1963. (Also acknowledges MH-5754).
- JACOBS, HARRY L.: Evaluation of the osmotic effects of glucose loads in food satisfaction. *Journal of Comparative and Physiological Psychology*, 57: 309-310, 1964. (Also acknowledges MH-5754).
- JACOBS, HARRY L.: The interaction of hunger and thirst: Experimental separation of osmotic and oral-gastric factors in regulating caloric intake. In: Wayner, M. J., ed. *Thirst*. New York, Pergamon Press, 1964, p. 117-137. (Also acknowledges MH-5754).
- MH-4322 (R04) PLOTNICOV, LEONARD, and BASCOM, WILLIAM R.: Personality and family adjustments to urbanization. University of California, Berkeley, Calif. (1960-63)
- PLOTNICOV, LEONARD: Tribal ethnocentrism: A problem of integration in modern African nations. In: Boletín 9, Instituto de Estudios Norteamericanos. Barcelona, Primavera, 1964.
- MH-4324 (R01) CAMERON, D. EWEN: Third world congress of psychiatry. Third World Congress of Psychiatry, Montreal, Can. (1960-61)
- CAMERON, EWEN D.: Proceedings of the 3rd World Congress of Psychiatry (June 4-10, 1961). Montreal, Canada, University of Toronto Press/McGill University Press, Vols. I-III, 1961.
- MH-4326 (R03) FREILICH, MORRIS: An ethnographic study of cultural persistence. University of Akron, Akron, Ohio. (1960-61)
- FREILICH, MORRIS: The modern Shtetl: A study of cultural persistence. *Anthropos*, 57:45-54, 1962.
- MH-4327 (R03) DAVIDS, ANTHONY: Ego functions in disturbed and normal children. Emma Pendleton Bradley Hospital, East Providence, R.I. (1960-61)



- DAVIDS, A.: Stability of personal and social preferences in emotionally disturbed and normal children. *Journal of Abnormal and Social Psychology*, 69:556-559, 1964.
- DAVIDS, A., KIDDER, CATHERINE, and REICH, M.: Time orientation in male and female juvenile delinquents. *Journal of Abnormal and Social Psychology*, 64:239-240, 1962.
- MH-4335 (R01) CLARK, FOGLE C.: Rate of formation of an operant discrimination. Woodmere State Hospital, Evansville, Ind. (1960- )
- CLARK, F. C.: Some observations on the adventitious reinforcement of drinking under food reinforcement. *Journal of the Experimental Analysis of Behavior*, 5(1):61-63, 1962. (Also acknowledges MH-2244).
- CLARK, F. C.: Use of neutralization procedures in the study of discrimination formation. *Psychological Reports*, 15:662, 1964.
- CLARK, F. C.: Effects of repeated VI reinforcement and extinction upon operant behavior. *Psychological Reports*, 15:943-955, 1964.
- CLARK, FOGLE C.: Emulsification of liquid monkey food. *Journal of the Experimental Analysis of Behavior*, 8(1):16, 1965.
- CLARK, F. C., and HULL, L. D.: The generation of random interval schedules. *Journal of the Experimental Analysis of Behavior*, 8(2):131-133, 1965.
- TAPP, JOHN W., and CLARK, FOGLE C.: Another solid state timer. *Journal of the Experimental Analysis of Behavior*, 7(6):431-432, 1964.
- MH-4336 (R01) FRENCH, JOHN D., ADEY, W. ROSS, and BRAZIER, MARY A. B.: Conference on computer techniques in EEG analysis. University of California, Berkeley, Calif. (1960-61)
- BRAZIER, M. A. B., ed.: Computer techniques in EEG analysis. *Electroencephalography and Clinical Neurophysiology*, Supplement 20, 1962, 98 p.
- MH-4337 (R01) COATE, WILLIAM B., and GARDNER, R. ALLEN: Reward and nonreward in reversal learning. Wellesley College, Wellesley, Mass. (1960-63)
- COATE, W. B., and GARDNER, R. A.: Reward and nonreward in a successive discrimination. *Journal of Experimental Psychology*, 68:119-124, 1964.
- COATE, W. B., and GARDNER, R. ALLEN: Sources of transfer from original training to discrimination reversal. *Journal of Experimental Psychology*, 70(1):94-97, 1965.
- GARDNER, R. A., and COATE, W. B.: An inexpensive multi-channel recorder. *American Journal of Psychology*, 78(1):134-135, 1965.
- GARDNER, R. ALLEN, and COATE, W. B.: Reward versus nonreward in a simultaneous discrimination. *Journal of Experimental Psychology*, 69(6):579-582, 1965.
- MH-4341 (R03) GELLHORN, ERNST: Preparation of two papers on autonomic physiology. Westmont College, Santa Barbara, Calif. (1960-60)
- GELLHORN, E.: Effect of hemorrhage, reinjection of blood and dextran on the reactivity of the sympathetic and parasympathetic systems. *Acta Neurovegetativa*, 22:291-299, 1962.
- GELLHORN, E., and MILLER, A. D.: Methacholine and noradrenaline tests. *Archives of General Psychiatry*, 4:371-380, 1962.
- MH-4345 (R03) QUINN, OLIVE W.: Attitudes of adults toward adoption of children. Goucher College, Baltimore, Md. (1960-61)
- DEASY, LEILA CALHOUN, and QUINN, OLIVE WESTBROOKE: The urban negro and adoption of children. *Child Welfare*, 41(9):400-407, 1962. (Also acknowledges MH-4346).
- MH-4346 (R03) DEASY, LEILA C.: Attitudes of adults toward adoption of children. Catholic University of America, Washington, D.C. (1960-60)
- DEASY, LEILA CALHOUN, and QUINN, OLIVE WESTBROOKE: The urban negro and adoption of children. *Child Welfare*, 41(9):400-407, 1962. (Also acknowledges MH-4345).
- MH-4348 (R03) FARINA, AMERIGO, and DUNHAM, RICHARD M.: Family interaction and its effects in schizophrenia. Dorothea Dix Hospital, Raleigh, N.C. (1960-61)
- FARINA, A., and DUNHAM, R. M.: Measurement of family relationships and their effects. *Archives of General Psychiatry*, 9:64-73, 1963.
- MH-4351 (R03) SPERGEL, IRVING A.: Pilot exploration of the delinquent theft subculture. Columbia University, New York, N.Y. (1960-60)
- SPERGEL, IRVING: An exploratory research in delinquent subcultures. *Social Service Review*, 35:33-47, 1961.
- SPERGEL, IRVING: Racketville, Slumtown, Haulburg: An exploratory study of delinquent subcultures. Chicago, University of Chicago Press, 1964, 211 p.
- MH-4355 (R03) ZIMMERMANN, ROBERT R.: Color discrimination in the infant rhesus monkey. Cornell University, Ithaca, N.Y. (1960-61)
- ZIMMERMANN, ROBERT R., and TORREY, CHARLES C.: Ontogeny of learning. In: Schrier, Allan M., Harlow, Harry F., and Stollnitz, Fred, eds. *Be-*

- behavior of nonhuman primates. Vol. 2. New York, Academic Press, 1965, p. 405-447. (Also acknowledges MH-4516 and MH-772).
- MH-4356 (R03) REICHSMAN, FRANZ, and KIYASU, JOHN: A study of creatine metabolism in brain. University of Rochester, Rochester, N.Y. (1960-60)
- DAVIES, ROBERT K., DEFALCO, A. J., SHANDH, D., KOPELMAN, A., and KIYASU, J.: Urea-synthesis in the living rat brain. *Nature*, 191(4785):288, 1961.
- DEFALCO, ALFRED, and DAVIES, ROBERT K.: The synthesis of creatine by the brain of the intact rat. *Journal of Neurochemistry*, 7:308-312, 1961.
- MH-4357 (R10) GUTH, PAUL S.: Drug effects on release of particle-bound neurohumors. Tulane University, New Orleans, La. (1960-63)
- GUTH, PAUL S.: Effect of phenothiazines on neurohumor-containing particles from mammalian brain. *Federation Proceedings*, 21:1100-1103, 1962.
- GUTH, P. S., and DE JARAMILLO, G. A. V.: Phenothiazine distribution in mammalian brain. (Abstract) *Federation Proceedings*, 21:178, 1962.
- GUTH, PAUL S., and FINLAY, ANDREW G.: The effect of chlorpromazine on release of neurohumors in vitro. (Abstract) *Pharmacologist*, 3:76, 1961.
- GUTH, P. S., SELLINGER, O. Z., AMARO, J., and ELMER, L.: Additional permeability effects by chlorpromazine: "Leakage" of lysosomal phosphatase. (Abstract) *Federation Proceedings*, 22(2) Part I:626, 1963.
- GUTH, PAUL S., and SPIRITS, M. A.: Mode of action of chlorpromazine. (Abstract) In: First International Pharmacological Meeting, Stockholm, Aug., 1961.
- GUTH, PAUL S., and WHITTAKER, VICTOR P.: The effect of chlorpromazine on acetylcholine-containing particles from brain. (Abstract) *Pharmacologist*, 2(2):93, 1960.
- JARAMILLO, GABRIELLA ANNA V. DE, and GUTH, PAUL S.: A study of the localization of phenothiazines in dog brain. *Biochemical Pharmacology*, 12:525-532, 1963.
- MH-4366 (R03) FUJITA, SHIGEO: Schizophrenic urine extract effects on EEG. University of Michigan, Ann Arbor, Mich. (1960-61)
- FUJITA, SHIGEO, and GING, NELSON S.: Presence of toxic factors in urine from schizophrenic subjects. *Science*, 134(3491):1687-1688, 1961. (Also acknowledges MH-4598, MH-1972 and MH-1971).
- MH-4371 (R03) STEIN, WILLIAM M.: Sociocultural analysis of a Peruvian mental hospital. Individual, Coral Gables, Fla. (1960-60)
- STEIN, WILLIAM W.: Patterns of a Peruvian mental hospital. *International Journal of Social Psychiatry*, 9(3):208-215, 1963.
- STEIN, WILLIAM W., and OETTING, E. R.: Humanism and custodialism in a Peruvian mental hospital. *Human Organization*, 24:278-282, 1964.
- MH-4372 (R01) ROWE, JOHN H., and DOWNS, JAMES FRANCIS: Effects of animal husbandry on aboriginal Americans. University of California, Berkeley, Calif. (1960-61)
- DOWNS, JAMES F.: The cowboy and the lady: Models as a determinant of the rate of acculturation among the Pinon Navajo. *Kroeber Anthropological Society Papers*, 29:53-56, 1963. (Also acknowledges MH-5250).
- DOWNS, JAMES F.: Animal husbandry in Navajo society and culture. University of California Publications in Anthropology, Vol. 1. Berkeley, University of California, 1964. (Also acknowledges MH-5250).
- MH-4377 (R01) WATSON, JAMES B., and LANGNESS, LEWIS L.: Culture contact dissonance. University of Washington, Seattle, Wash. (1960-62)
- LANGNESS, L. L.: Notes on the Bena Council, Eastern Highlands. *Oceania*, 33(3):151-170, 1963.
- LANGNESS, L. L.: Hysterical psychosis in the New Guinea highlands: A bena bena example. *Psychiatry*, 28(3):258-277, 1965.
- MH-4378 (R01) PERKINS, CHARLES C., JR.: Scaling relative reinforcing properties of stimuli. Emory University, Atlanta, Ga. (1960-64)
- PERKINS, CHARLES C., JR.: A conceptual scheme for studies of stimulus generalization. In: Mostofsky, David I., ed. *Stimulus generalization*. Stanford, Calif., Stanford University Press, 1965, p. 38-54.
- PERKINS, C. C., JR., LEVIS, D. J., and SEYMANN, R.: Preference for signal-shock vs. shock-signal. *Psychological Reports*, 13:735-738, 1963.
- MH-4379 (R01) LASSLO, ANDREW: Molecular structure and enzymodynamic properties. University of Tennessee, Memphis, Tenn. (1961-64) (Continued from MH-2072).
- BEASLEY, JAMES G., QUINTANA, RONALD P., and NELMS, GRETCHEN G.: The effect of piperidine-carboxamide derivatives on isolated human plasma cholinesterase: II. Variations in the amide function. *Journal of Medical Chemistry*, 7:698-701, 1964. (Also acknowledges MH-2072).
- LASSLO, A., BEASLEY, J. G., NELMS, G. G., and EPPERSON, G. J.: The effect of piperidine-carboxamide derivatives on isolated human plasma

- cholinesterase. *Journal of Medicinal Chemistry*, 6:811-813, 1963. (Also acknowledges MH-2072).
- LASSLO, A., WALLER, P. D., and EPPERSON, G. J.: The synthesis of arylalkylamino-propionamide analogues of lysergic acid diethylamide and their effect upon isolated cholinesterase systems. *Journal of Medicinal Chemistry*, 6:26-28, 1963. (Also acknowledges MH-2072).
- QUINTANA, R. P.: Relationships between the surface activity and cholinesterase inhibition of mono- and bis [3-(N,N-diethylcarbamoyl)piperidino] alkanes. *Journal of Pharmaceutical Sciences*, 53: 1221-1223, 1964. (Also acknowledges MH-2072).
- QUINTANA, R. P.: Relationships between the surface activity and cholinesterase inhibition of carbamoyl-piperidinoalkanes. II. Variations in the amide function. *Journal of Pharmaceutical Sciences*, 54 (4):573-575, 1965. (Also acknowledges MH-2072).
- QUINTANA, R. P., and SHRADER, W. A.: Synthesis of selected amides of mono- and bis(carboxypiperidino) alkanes. *Journal of Pharmaceutical Sciences*, 52:1186-1188, 1963. (Also acknowledges MH-2072).
- QUINTANA, RONALD P., SMITH, TERRY D., and LORENZEN, LINDA F.: Synthesis of carbamoyl-piperidine-type cholinesterase inhibitors. *Journal of Pharmaceutical Sciences*, 54(5):785-787, 1965. (Also acknowledges MH-2072).
- PURCELL, W. P., and SINGER, J. A.: Electric moment of isonicotinamide in benzene and dioxane solutions. *Journal of Physical Chemistry*, 69(2): 691-693, 1965.
- MH-4381 (R03) BABB, HAROLD: Reinforcement and punishment of aversive behavior. Hobart and William Smith College, Geneva, N.Y. (1960-60)
- BABB, HAROLD: Reinforcement and punishment of an escape response. *Psychological Reports*, 13: 542, 1963.
- MH-4382 (R03) GRUBER, HOWARD, and FAHRION, NELL G.: Variables of motor activity during mental work. University of Colorado, Boulder, Colo. (1960-61)
- FAHRION, NELL G.: Measurement of motor styles. *Perceptual and Motor Skills*, 19:139-146, 1964.
- MH-4386 (R03) BREG, W. ROY, and MILLER, ORLANDO JACK: Chromosome studies in a mentally retarded population. Southbury Training School, Southbury, Conn. (1960-61)
- BREG, W. R.: Genetic aspects of mental retardation. *Quarterly Review of Pediatrics*, 17:9-23, 1962. (Also acknowledges MH-4872).
- BREG, W. R., MILLER, O. J., and SCHMICKEL, R. D.: Chromosomal translocations in patients with mongolism and in their normal relatives. *New England Journal of Medicine*, 266:845-852, 1962. (Also acknowledges MH-4872).
- MILLER, O. J., BREG, W. R., SCHMICKEL, R. D., and TRETTER, W.: A family with an XXXXY male, a leukemic male, and two 21-trisomic mongoloid females. *Lancet*, 11:78-79, 1961.
- MILLER, O. J., MUKHERJEE, B. B., and BREG, W. R.: Normal variations in the human karyotype. *Transactions of the New York Academy of Sciences, Series 11*, 24:372-382, 1962.
- MH-4387 (R03) ARONSON, ELLIOT: Confirmation and disconfirmation of expectancies. Harvard University, Cambridge, Mass. (1960-60)
- ARONSON, ELLIOT, and CARLSMITH, J. MERRILL: Performance expectancy as a determinant of actual performance. *Journal of Abnormal and Social Psychology*, 65(3):178-182, 1962.
- MH-4391 (R01) CROMWELL, RUE L., and FOSHEE, JAMES G.: Activity level in defectives and normals. George Peabody College for Teachers, Nashville, Tenn. (1960-62) (Continued from MH-2311).
- CROMWELL, RUE L.: Theory and research in activity level. *Training School Bulletin*, 59:134-141, 1963. (Also acknowledges MH-2311).
- CROMWELL, RUE L., BAUMEISTER, A., and HAWKINS, W. F.: Research in activity level. In: Ellis, N., ed. *Handbook of mental deficiency*. New York, McGraw-Hill, 1963, p. 632-663. (Also acknowledges MH-2311).
- CROMWELL, R. L., and CALDWELL, D. F.: A comparison of ratings based on personal constructs of self and others. *Journal of Clinical Psychology*, 18:43-46, 1962. (Also acknowledges MH-2311).
- CROMWELL, RUE L., POLK, B. E., and FOSHEE, J. G.: Studies in activity level. V. The relationships among eyelid conditioning, intelligence, activity level, and age. *American Journal of Mental Deficiency*, 65:744-748, 1961. (Also acknowledges MH-2311).
- HAWKINS, WILLIAM F., and CROMWELL, RUE L.: Need states and activity level. *Psychological Bulletin*, 61:438-453, 1964. (Also acknowledges MH-2311).
- WOLFFENBERGER, W. P., MILLER, M. B., FOSHEE, J. G., & CROMWELL, R. L.: Rorschach correlates of activity level in high school children. *Journal of Consulting Psychology*, 26:269-272, 1962. (Also acknowledges MH-2311).
- MH-4392 (R01) KATES, SOLIS L.: Problem solving in deaf and hearing children. University of Massachusetts, Amherst, Mass. (1960-64)

- KATES, S. L., YUCIN, L. W., and TIFFANY, R.: Concept attainment by deaf and hearing adolescents. *Journal of Educational Psychology*, 53: 119-126, 1962.
- TIFFANY, R., and KATES, S. L.: Concept attainment and lip reading among deaf adolescents. *Journal of Speech and Hearing Disorders*, 27:265-274, 1962.
- YUDIN, L. W., KATES, S. L.: Concept attainment and adolescent development. *Journal of Educational Psychology*, 54:177-182, 1963.
- MH-4398 (R03) BANDURA, ALBERT: Transmission of aggression through imitation. Stanford University, Stanford, Calif. (1960-61)
- BANDURA, A.: The role of imitation in personality development. *Journal of Nursery Education*, 18: 207-215, 1963. (Also acknowledges MH-1734 and MH-5162).
- BANDURA, A., ROSS, DOROTHEA, and ROSS, SHEILA A.: Transmission of aggression through imitation of aggressive models. *Journal of Abnormal and Social Psychology*, 63:575-582, 1961.
- BANDURA, A., ROSS, DOROTHEA, and ROSS, SHEILA A.: Imitation of film-mediated aggressive models. *Journal of Abnormal and Social Psychology*, 66: 3-11, 1963. (Also acknowledges MH-5162).
- MH-4401 (R03) VOTH, HAROLD M., and MAYMAN, MARTIN: Autokinesis and personality organization. Menninger Foundation, Topeka, Kan. (1960-61)
- VOTH, HAROLD M., and MAYMAN, MARTIN: A dimension of personality organization: An experimental study of "ego-closeness—ego-distance." *Archives of General Psychiatry*, 8:366-380, 1963.
- MH-4402 (R03) HEISS, JEROLD S.: A laboratory study on the expansion of the dyad. University of Connecticut, Storrs, Conn. (1960-61)
- HEISS, JEROLD: Degree of intimacy and male-female interaction. *Sociometry*, 25:197-208, 1962.
- HEISS, JEROLD: The dyad views the newcomer: A study of perception. *Human Relations*, 16:241-248, 1963.
- HEISS, JEROLD S., and GORDON, MICHAEL: Need patterns and the mutual satisfaction of dating and engaged couples. *Journal of Marriage and the Family*, 26:337-339, 1964.
- MH-4406 (R03) ABSE, DAVID W., and PRANGE, ARTHUR J., JR.: Personality change in group analytic psychotherapy. University of North Carolina, Chapel Hill, N.C. (1960-61)
- JESSNER, LUCIE, and ABSER, D. W.: The psychodynamic aspects of leadership. In: Graubard, Stephen R., and Holt, Gerald, eds. *Excellence and leadership in a democracy*. New York, Columbia University Press, 1962, p. 76-94.
- MH-4408 (R03) SHANDS, HARLEY C.: Study of GSR response in sedation threshold procedure. University of North Carolina, Chapel Hill, N.C. (1960-61)
- PEREZ-REYES, MARIO, SHANDS, HARLEY C., and JOHNSON, GEORGE: Galvanic skin reflex inhibition threshold: A new psychophysiological technique. *Psychosomatic Medicine*, 24(3):274-277, 1962.
- MH-4412 (R01) SCOTT, JOHN P., STANLEY, WALTER C., and WERBOFF, JACK: Studies in social motivation. Roscoe B. Jackson Memorial Laboratory, Bar Harbor, Me. (1961-63)
- BACON, W. E., and STANLEY, W. C.: Effect of deprivation level in puppies on performance maintained by a passive person reinforcer. *Journal of Comparative and Physiological Psychology*, 56:783-785, 1963.
- BACON, W. EDWARD, and STANLEY, WALTER C.: Resistance to extinction after continuous and partial reinforcement in basenji puppies. *Psychonomic Science*, 4(9):327-328, 1966.
- RHEINGOLD, HARRIET L., and STANLEY, W. C.: Developmental psychology. *Annual Review of Psychology*, 14:1-28, 1963.
- SATINOFF, EVELYN, and STANLEY, W. C.: Effect of stomach loading on sulking behavior in neonatal puppies. *Journal of Comparative and Physiological Psychology*, 56:66-68, 1963.
- STANLEY, W. C.: The passive person as a reinforcer in isolated beagle puppies. *Psychonomic Science*, 2:21-22, 1965.
- STANLEY, W. C., and BACON, W. E.: Suppression of sucking behavior in non-deprived puppies. *Psychological Reports*, 13:175-178, 1963.
- STANLEY, W. C., CORNWELL, ANNE C., POGGIANI, CONSTANCE, and TRATTNER, ALICE: Conditioning in the neonatal puppy. *Journal of Comparative and Physiological Psychology*, 56:211-214, 1963.
- STANLEY, W. C., and ELLIOT, O.: Differential human handling as reinforcing events and as treatments influencing later social behavior in basenji puppies. *Psychological Reports*, 10:775-788, 1962.
- STANLEY, W. C., MORRIS, D. D., and TRATTNER, A.: Conditioning with a passive person reinforcer and extinction in Shetland sheep dog puppies. *Psychonomic Science*, 2:19-20, 1965.

- MH-4417 (R01) KLINE, NATHAN S., and RAZ-RAN, GREGORY: Soviet-American joint conference on Pavlovianism. New York Academy of Sciences, New York, N.Y. (1960-60)
- KLINE, N. S.: Pavlovian conference on higher nervous activity. *Annals of the New York Academy of Sciences*, 92:813-1198, 1961.
- MH-4421 (R03) MISIAK, HENRYK: CFF, age, and mental functions in children. Fordham University, New York, N.Y. (1960-61)
- CROSS, JANE P.: Relation of age and mental growth to the CFF response in children. *Child Development*, 34:739-744, 1963.
- MH-4424 (R03) PODELL, JEROME E.: Studies in meaning—scale construction. San Francisco State College, San Francisco, Calif. (1960-61)
- PODELL, HARRIETT A., and PODELL, JEROME E.: Quantitative connotation of a concept. *Journal of Abnormal and Social Psychology*, 67:509-513, 1963.
- MH-4426 (R03) GOODRICH, KENNETH P.: Automated discrete-trial instrumental conditioning. University of Pennsylvania, Philadelphia, Pa. (1960-61)
- BRUSH, F. R., GOODRICH, K. P., TEGHTSOONIAN, R., and EISMAN, E. H.: Dependence of learning (habit) in the runway on deprivation under three levels of sucrose incentive. *Psychological Reports*, 12:375-384, 1963. (Also acknowledges MH-3359).
- WALL, A. M., and GOODRICH, K. P.: Differential responding on reinforcement and nonreinforcement trials occurring in fixed repeating patterns. *Psychonomic Science*, 1:193-194, 1964. (Also acknowledges MH-4528).
- MH-4427 (R03) SALISBURY, RICHARD F.: Emergent leadership among the New Guinea tolai. University of California, Berkeley, Calif. (1960-61)
- SALISBURY, RICHARD F.: Early stages of economic development in New Guinea. *Journal of the Polynesian Society*, 71:328-339, 1962.
- MH-4430 (R03) COHEN, BURTON H.: The use of recoding in free recall. Lafayette College, Easton, Pa. (1960-61)
- COHEN, B. H.: An investigation of recoding in free recall. *Journal of Experimental Psychology*, 65:368-376, 1963.
- COHEN, B. H.: Recall of categorized word lists. *Journal of Experimental Psychology*, 66:227-234, 1963.
- COHEN, B. H., and HUT, P. A.: Learning of responses to stimulus classes and to specific stimuli. *Journal of Experimental Psychology*, 66:274-280, 1963.
- MH-4433 (R01) ELLIS, NORMAN R.: Determinants of learning in the mentally retarded. George Peabody College for Teachers, Nashville, Tenn. (1960-64) (Continued from MH-2229).
- BAUMEISTER, A. A., and BARTLETT, C. J.: A comparison of the factor structure of normals and retardates on the WISC. *American Journal of Mental Deficiency*, 66:641-646, 1962.
- BAUMEISTER, A. A., and BARTLETT, C. J.: Further factorial investigations of WISC performance of mental defectives. *American Journal of Mental Deficiency*, 67:257-261, 1962.
- BAUMEISTER, A. A., and BARTLETT, C. J.: Stimulus trace as a predictor of performance. *American Journal of Mental Deficiency*, 67:726-729, 1963.
- BAUMEISTER, A. A., and ELLIS, N. R.: Delayed response performance of retardates. *American Journal of Mental Deficiency*, 67:714-722, 1963.
- BAUMEISTER, A. A., SPAIN, C. J., and ELLIS, N. R.: A note on alpha block duration in normals and retardates. *American Journal of Mental Deficiency*, 67:723-725, 1963.
- BLUE, C. M.: Performance of normal and retarded subjects on a modified paired-associate task. *American Journal of Mental Deficiency*, 68:228-234, 1963.
- DICKERSON, DONALD J.: Effect of variations in warning-interval duration on reaction time in normal and mentally defective subjects. *Journal of Personality and Social Psychology*, 1(4):392-396, 1965.
- DICKERSON, D. J., and ELLIS, N. R.: Effects of postresponse stimulus duration upon discrimination learning in human subjects. *Journal of Experimental Psychology*, 69(5):528-533, 1965.
- ELLIS, N. R.: Amount of reward and operant behavior in mental defectives. *American Journal of Mental Deficiency*, 66:595-599, 1962. (Also acknowledges MH-2229).
- ELLIS, N. R., GIRARDEAU, F. L., and PRYER, MARGARET W.: Analysis of learning sets in normal and severely defective humans. *Journal of Comparative and Physiological Psychology*, 55:860-865, 1962.
- ELLIS, N. R., HAWKINS, W. F., PRYER, MARGARET W., and JONES, R. W.: Distraction effects in oddity learning by normal and mentally defective humans. *American Journal of Mental Deficiency*, 67:576-583, 1963.

- GIRARDEAU, F. L., and ELLIS, N. R.: Rote verbal learning by normal and mentally retarded children. *American Journal of Mental Deficiency*, 68:525-532, 1964.
- HEADRICK, M. W., and ELLIS, N. R.: Short-term visual memory in normals and retardates. *Journal of Experimental Child Psychology*, 1(4):339-347, 1964.
- JONES, R. W., and ELLIS, N. R.: Inhibitory potential in rotary pursuit acquisition by normal and defective subjects. *Journal of Experimental Psychology*, 63:534-537, 1962. (Also acknowledges MH-2229).
- TERRELL, CATHERINE G., and ELLIS, NORMAN R.: Reaction time in normal and defective subjects following varied warning conditions. *Journal of Abnormal and Social Psychology*, 69(4):449-452, 1964.
- MH-4435 (R01) DE FEO, JOHN J., BUDAY, PAUL V., DE FANTI, DAVID R., and YOUNGKEN, HUBER W.: Thyroid, mao, and sympathomimetic amine interactions. University of Rhode Island, Kingston, R.I. (1961-64)
- CARRIER, R. N., and BUDAY, P. V.: The influence of thyroid feeding on the pharmacologic actions of some monoamine oxidase inhibitors. *Archives Internationales de Pharmacodynamie et de Therapie*, 145:18-35, 1963.
- MH-4438 (R01) DEUTSCH, CYNTHIA P., DEUTSCH, MARTIN, and FREEDMAN, ALFRED M.: Effects of psychoactive agents on remedial reading. New York Medical College, New York, N.Y. (1960-63) (Continued from MH-3230).
- COLEMAN, R. I., and DEUTSCH, C. P.: Lateral dominance and right-left discrimination: A comparison of normal and retarded readers. *Perceptual and Motor Skills*, 19:43-50, 1964.
- FREEDMAN, ALFRED, DEUTSCH, MARTIN, and DEUTSCH, CYNTHIA: Effects of hydroxyine hydrochloride on the reaction time performance of schizophrenic children. *Archives of General Psychiatry*, 3:153-159, 1960. (Also acknowledges MH-3230).
- FREEDMAN, ALFRED M., DEUTSCH, MARTIN, and DEUTSCH, CYNTHIA: Sensory response of schizophrenic children under Atarax: A new method of measurement. *Neuro-psychopharmacology*, 2:356-360, 1961. (Also acknowledges M-3230).
- MH-4439 (R01) HOFFMAN, PAUL J.: Paramorphic representation of human judgment. Oregon Research Institute, Eugene, Ore. (1960- ) (Continued from MH-2097).
- BECHTEL, GORDON G.: Comparative scaling of uni-dimensional discrimination and similarity data. *Psychometrika*, 31(1):75-84, 1966.
- CRANDALL, J. E., and HOFFMAN, P. J.: Estimation of judgment reliability: Effects of amount of intervening material and point of interpolation. *ORI Research Bulletin*, 1(1), 1961, 19 p. (Processed). (Also acknowledges MH-2097).
- GOLDBERG, LEWIS R.: Diagnosticians vs. diagnostic signs. *Psychological Monographs*, 79(9):1-28, 1965. (Whole No. 602).
- HOFFMAN, P. J.: Linear multivariate models as representative of clinical judgment. (Abstract) *Journal of the American Statistical Association*, 55(290):363, 1960. (Also acknowledges MH-2097).
- HOFFMAN, P. J.: Human judgment and the decision process. *Oregon Research Institute Bulletin* (University of Oregon), 1(3): 1960.
- HOFFMAN, P. J.: The paramorphic representation of clinical judgment. *Psychological Bulletin*, 57(2): 116-131, 1960. (Also acknowledges MH-2097).
- HOFFMAN, P. J.: Criterion measures and judgment accuracy. *Oregon Research Institute Bulletin* (University of Oregon), 1(4): 1961.
- HOFFMAN, P. J.: A multivariate analysis model for the prediction of differential diagnostic judgments. *Oregon Research Institute Bulletin*, 2(1): 1962, 19 p. (Also acknowledges MH-2097).
- HOFFMAN, PAUL J.: Assessment of the independent contributions of predictors. *Psychological Bulletin*, 59:77-80, 1962. (Also acknowledges MH-2097).
- HOFFMAN, P. J., RORER, L., and LAFORGE, R.: Reciprocal moderation and configural prediction: The construction of an appropriate model. *ORI (Oregon Research Institute) Research Monograph*, 3(2), 1963. (Also acknowledges MH-2097).
- KNOX, R. E., and HOFFMAN, P. J.: The format in information display: Some effects upon the judgment process. *ORI Research Monograph*, 1(1): 1-67, 1961. (Processed).
- LAFORGE, G. R.: Homoscedasticity. *American Psychologist*, 18:213-214, 1963. (Also acknowledges MH-2097).
- LAFORGE, R.: Components of reliability. *ORI (Oregon Research Institute) Technical Report*, 3(5), 1963. (Also acknowledges MH-2097).
- LAFORGE, G. R.: Determination of judgment models by field characteristics. *ORI (Oregon Research Institute) Research Bulletin*, 3(1), 1963. (Also acknowledges MH-2097).
- MAYBEE, J. S.: Least squares solutions of polynomial expressions: Some general considerations. *ORI (Oregon Research Institute) Technical Report*, 3(1), 1963. (Also acknowledges MH-2097).

- PRADHAN, P. L., and HOFFMAN, P. J.: Effect of spacing and range of stimuli on magnitude estimation judgments. *Journal of Experimental Psychology*, 66:533-541, 1963. (Also acknowledges MH-2097).
- SLOVIC, PAUL: Risk-taking in children: Age and sex differences. *Child Development*, 37(1):169-176, 1966.
- TRUAX, D. R. An asymptotic solution to the problem of sampling error for two equivalent models. ORI (Oregon Research Institute) *Technical Report*, 3(2), 1963. (Also acknowledges MH-2097).
- WIGGINS, N. Multidimensional scaling for individual viewpoints. ORI (Oregon Research Institute) *Technical Report*, 3(3), 1963. (Also acknowledges MH-2097).
- MH-4440 (R01) SPURR, GERALD B., and BARLOW, GEORGE: Physiological studies in experimental alcoholism. University of Tennessee, Memphis, Tenn. (1961- )
- BEARD, J. D., and BARLOW, G.: Influence of daily ethanol administration on fluid volumes and serum proteins. (Abstract) *Federation Proceedings*, 21:77, 1962.
- BEARD, JAMES D., BARLOW, GEORGE, and OVERMAN, R. R. Body fluids and blood electrolytes in dogs subjected to chronic ethanol administration. *Journal of Pharmacology and Experimental Therapeutics*, 148(3):348-355, 1965.
- BEARD, J. D., BARLOW, G., and TUTTLE, A. H.: Observations on peripheral blood elements during chronic ethanol administrations in dogs. (Abstract) *Physiologist*, 6(3):136, 1963.
- KNOTT, D. H., BARLOW, G., and BEARD, J. D.: Effects of alcohol ingestion on the production of and response to experimental hemorrhagic stress. *New England Journal of Medicine*, 269:292-295, 1963.
- MH-4441 (R03) LONDON, PERRY: Developmental changes in hypnotic susceptibility. University of Illinois, Urbana, Ill. (1960-61)
- LONDON, P.: Hypnosis in children: An experimental approach. *International Journal of Clinical and Experimental Hypnosis*, 10:79-91, 1962.
- MH-4443 (R03) SALZINGER, KURT, PISONI, STEPHANIE, and ZUBIN, JOSEPH: Comprehensibility of schizophrenic speech. New York State Psychiatric Institute, New York, N.Y. (1960-61)
- SALZINGER, K., and FELDMAN, R. S.: Verbal behavior of schizophrenic and normal subjects. *Annals of the New York Academy of Sciences*, 105:845-860, 1964. (Also acknowledges MH-586, MH-1541, and MH-4842).
- MH-4448 (R01) IWANSKA, ALICJA: Relationships between subordinate and dominate groups. University of Chicago, Chicago, Ill. (1961-63)
- IWANSKA, ALICJA: Meksyk. Part I. *Kultura*, 75 (5):41-59, 1962.
- IWANSKA, ALICJA: Meksyk. Part II. *Kultura*, 176 (6):26-41, 1962.
- IWANSKA, ALICJA: El concepto del indigena en dos distintas regiones de Mexico. *América Indígena*, 23(4):345-357, 1963.
- IWANSKA, ALICJA: New knowledge: The impact of school upon traditional structure of a Mexican village. *Sociologus* (Berlin), 13(2):137-150, 1963.
- MH-4453 (R01) KLOPPER, PETER H., and ADAMS, DONALD K.: Early experience and species-characteristic behavior. Duke University, Durham, N.C. (1961- )
- GOTTLIEB, G., and KLOPPER, P. H.: The relation of developmental age to auditory and visual imprinting. *Journal of Comparative and Physiological Psychology*, 55:821-826, 1962.
- HAILMAN, JACK P.: Cliff-nesting adaptations of the Galapagos Swallow-tailed Gull. *Wilson Bulletin*, 77(4):346-362, 1965.
- HAILMAN, J. P., and KLOPPER, P. H.: On measuring "critical learning periods" in birds. *Animal Behaviour*, 10:233-234, 1962.
- HATCH, JEREMY J.: Only one species of Galapagos mockingbird feeds on eggs. *Candor*, 67(4):354-355, 1965.
- HESPERHEIDE, HENRY A.: Competition and the genus "tyrannus." *Wilson Bulletin*, 76:265-281, 1964.
- KLOPPER, P. H.: Parameters of imprinting. *American Naturalist*, 98:173-182, 1964.
- KLOPPER, PETER H., ADAMS, DONALD K., and KLOPPER, MARTHA S.: Maternal "imprinting" in goats. *Proceedings of the National Academy of Sciences*, 52:911-914, 1964.
- KLOPPER, P. H., and HAILMAN, J. P.: Perceptual preferences and imprinting in chicks. *Science*, 145:1333-1334, 1964.
- KLOPPER, P. H., and KLOPPER, M. S.: Notes on handrearing fallow deer. *International Zoology Yearbook*, 4:295-296, 1962.
- SCHLEIDT, WOLFGANG M.: Gaussian interval distributions in spontaneously occurring innate behaviour. *Nature*, 206(4986):1061-1062, 1965.
- MH-4460 (R01) STEINER, IVAN D.: Personality and responses to interpersonal conflict. University of Illinois, Urbana, Ill. (1961- )

- JOHNSON, HOMER H.: Some effects of discrepancy level on responses to negative information about one's self. *Sociometry*, 29(1):52-66, 1966.
- JOHNSON, HOMER H., and STEINER, IVAN D.: Effects of discrepancy level on relationships between authoritarianism and conformity. Report No. 5. Urbana, Illinois, University of Illinois, 1965, 9 p. (Processed)
- JOHNSON, HOMER H., and STEINER, IVAN D.: Effort and subjective probability. *Journal of Personality and Social Psychology*, 1(4):365-368, 1965.
- STEINER, I. D.: Receptivity to supportive vs. non-supportive communications. *Journal of Abnormal and Social Psychology*, 65:266-267, 1962.
- STEINER, I. D., and JOHNSON, H. H.: Authoritarianism and tolerance of trait inconsistency. *Journal of Abnormal and Social Psychology*, 67:388-391, 1963.
- STEINER, I. D., and JOHNSON, H. H.: Authoritarianism and conformity. *Sociometry*, 26:21-34, 1963.
- STEINER, I. D., and JOHNSON, H. H.: Relationships among dissonance reducing responses. *Journal of Abnormal and Social Psychology*, 68:38-44, 1964.
- STEINER, IVAN D., and JOHNSON, HOMER H.: Category width and responses to interpersonal disagreements. *Journal of Personality and Social Psychology*, 2(2):290-292, 1965.
- STEINER, I. D., and ROGERS, E. D.: Alternative responses to dissonance. *Journal of Abnormal and Social Psychology*, 66:128-136, 1963.
- VANNOY, JOSEPH S.: Generality of cognitive complexity-simplicity as a personality construct. *Journal of Personality and Social Psychology*, 2(3):385-396, 1965.
- MH-4464 (R01) KAGAN, JEROME, and SONTAG, LESTER W.: Passivity and styles of thought in children. Fels Research Institute, Yellow Springs, Ohio. (1961-64)
- KAGAN, JEROME: The child's sex role classification of school objects. *Child Development*, 35:1051-1056, 1964.
- KAGAN, J.: On measurement: Suggestions for the future. *Journal of Projection Techniques*, 28:151-155, 1964.
- KAGAN, J.: The acquisition and significance of sex typing and sex role identity. In: Hoffman, Martin, and Hoffman, Lois, eds. *Review of child development research*. Vol. 1. New York, Russell Sage Foundation, 1964, p. 137-167.
- KAGAN, JEROME: Reflection-impulsivity and reading ability in primary grade children. *Child Development*, 36(2):602-603, 1965.
- KAGAN, JEROME: Individual differences in the resolution of response uncertainty. *Journal of Personality and Social Psychology*, 2(2):154-160, 1965.
- KAGAN, JEROME: Impulsive and reflective children: Significance of conceptual tempo. In: Krumboltz, J., ed. *Learning and the educational process*. Chicago, Rand, McNally, 1965, p. 133-161.
- KAGAN, JEROME: Reflection-impulsivity: The generality and dynamics of conceptual tempo. *Journal of Abnormal Psychology*, 71(1):17-24, 1966.
- KAGAN, JEROME: Body build and conceptual impulsivity in children. *Journal of Personality*, 34(1):118-128, 1966.
- KAGAN, J., and FREEMAN, MARIAN: Relation of childhood intelligence, maternal behaviors, and social class to behavior during adolescence. *Child Development*, 34:899-911, 1963. (Also acknowledges MH-1260).
- KAGAN, JEROME, and LEWIS, MICHAEL: Studies of attention in the human infant. *Merrill-Palmer Quarterly of Behavior and Development*, 11(2):95-127, 1965. (Also acknowledges MH-1260).
- KAGAN, J., MOSS, H. A., and SIGEL, I. E.: Psychological significance of styles of conceptualization. In: Wright, J. C., and Kagan, J., eds. *Basic cognitive processes in children*. Society for Research in Child Development, Monograph, 28(2):73-112, 1963. (Serial No. 86). (Also acknowledges MH-1260).
- KAGAN, J., and PHILLIPS, W.: Measurement of identification: A methodological note. *Journal of Abnormal Social Psychology*, 69:442-444, 1964.
- KAGAN, J., and ROSMAN, BERNICE L.: Cardiac and respiratory correlates of attention and an analytic attitude. *Journal of Experimental Child Psychology*, 1:50-63, 1964. (Also acknowledges MH-1260).
- KAGAN, J., ROSMAN, BERNICE L., DAY, DEBORAH, ALBERT J., and PHILLIPS, W.: Information processing in the child: Significance of analytic and reflective attitudes. *Psychological Monographs*, 78(1):1-37, 1964. (Whole No. 578).
- LEE, LEE C., KAGAN, J., and RABSON, ALICE: Influence of a preference for analytic categorization upon concept acquisition. *Child Development*, 34:433-442, 1963.
- LEWIS, MICHAEL, KAGAN, JEROME, and KALAFAT, JOHN: Patterns of fixation in the young infant. *Child Development*, 37(2):321-341, 1966.
- MH-4465 (R01) GLUECK, BERNARD C., JR., MERHL, PAUL E., and SCHOFIELD, WILLIAM: Skilled clinicians' assessment of personality. In:



- GLUECK, BERNARD C.: Minnesota-Ford pool of phenotypic personality items. Minneapolis, University of Minnesota, 1962. 86 p.
- GLUECK, BERNARD C., MEEHL, PAUL E., SCHOFIELD, WILLIAM, and CLYDE, DEAN J.: The quantitative assessment of personality. *Comprehensive Psychiatry*, 5(1):15-23, 1964.
- GLUECK, BERNARD C., JR., and REZNIKOFF, MARVIN: Comparison of computer-derived personality profile and projective psychological test findings. *American Journal of Psychiatry*, 121(12):1156-1161, 1965.
- SCHOFIELD, WILLIAM: The profile of personality. *Mental Health Research Bulletin*, 3:15-16, 1961.
- MH-4466 (R03) HONIGMANN, JOHN J., and GULICK, JOHN: Propositional inventory in culture change. University of North Carolina, Chapel Hill, N.C. (1960-61)
- KUSHNER, G., GIBSON, M., GULICK, J., HONIGMANN, J. J., and NONAS, R.: What accounts for sociocultural change? A propositional inventory. Chapel Hill, N.C., University of North Carolina, Institute for Research in Social Science, 1962, 51 p.
- KUSHNER, GILBERT, GIBSON, MICKEY, NONAS, RICHARD, GULICK, JOHN, and HONIGMANN, JOHN J.: What accounts for sociocultural change? *Research Previews* (University of North Carolina, Institute for Research in Social Science), 9(2): 14-24, 1962. (Processed)
- MH-4467 (R03) COAN, RICHARD W.: An analysis of movement perception. University of Arizona, Tucson, Ariz. (1960-61)
- COAN, R. W.: Factors in movement perception. *Journal of Consulting Psychology*, 28(5):394-402, 1964.
- MH-4469 (R01) SMITH, KARL U.: Geometric organization of motion. University of Wisconsin, Madison, Wisc. (1961- )
- GOULD, J., and SMITH, K. U.: Angular displacement of visual feedback in motion and learning. *Perceptual and Motor Skills*, 17:699-710, 1963.
- MCDERMID, C., and SMITH, K. U.: Compensatory reactions to displaced and visual feedback in behavior. *Journal of Applied Psychology*, 48:63-68, 1964.
- SMITH, K. U.: Behavior organization and work: A new approach to industrial behavioral science. Madison, Wisc., College Printing and Typing, 1962, 900 p. (Also acknowledges MH-4785).
- SMITH, K. U.: Work theory and economic behavior. Bloomington, Ind., Bureau of Business Research, Indiana School of Business, 1962, 33 p. (Indiana Business Paper No. 5)
- SMITH, KARL U.: Sensory feedback analysis of visual behavior: A new theoretical-experimental foundation of physiological optics. *American Journal of Optometry*, 40(7):365-417, 1963.
- SMITH, KARL U.: Sensory feedback analysis in medical research: II. Spatial organization of neurobehavioral system. *American Journal of Physical Medicine*, 43:49-84, 1964. (Also acknowledges MH-4785).
- SMITH, K. U., ANSELL, S., and SMITH, W. M.: Sensory feedback analysis in medical research: I. Delayed sensory feedback in behavior and neural function. *American Journal of Physical Medicine*, 42(6):228-262, 1963. (Also acknowledges MH-4785).
- SMITH, KARL U., and GOULD, JOHN D.: Sensory-feedback analysis of behavior in stereotelevised visual fields. *Journal of Applied Psychology*, 48(6):361-368, 1964.
- SMITH, K. U., and GREENE, P.: Scientific motion study and aging processes in performance. *Ergonomics*, 5(1):155-164, 1962.
- SMITH, K. U., GOULD, J., and WARGO, L.: Sensory-feedback analysis in visual behavior. A new theoretical-experimental foundation of physiological optics. *American Journal of Optometry and Archives of the Academy of Optometry*, 40:365-417, 1963.
- SMITH, K. U., and MURPHY, T.: Sensory feedback mechanisms of handwriting motions and their neurogeometric bases. In: Herrick, V., ed. *New horizons for research on handwriting*. Madison, Wis., University of Wisconsin Press, 1963, p. 111-157.
- SMITH, K. U., MYCZEWSKI, M., MURGEN, M., and KOEHLER, J.: Computer system control of delayed auditory feedback. *Perceptual and Motor Skills*, 17:343-354, 1963. (Also acknowledges MH-4785).
- SMITH, K. U., and SMITH, W. M.: Perception and motion: An analysis of space-structured behavior. Philadelphia, Saunders, 1962, 341 p.
- SMITH, K. U., and WARGO, L.: Sensory-feedback analysis of specialization of movements in learning. *Perceptual and Motor Skills*, 16:749-756, 1963.
- SMITH, K. U., WARGO, L., and JONES, R.: Delayed and space-displaced sensory feedback and learning. *Perceptual and Motor Skills*, 16:781-796, 1963.
- MH-4471 (R01) SAMORAJSKI, THADDEUS: Functional cytology—hypothalamus and pituitary gland. Cleveland Psychiatric Institute and Hospital, Cleveland, Ohio. (1960-62) (Continued from MH-3744).

- SAMORAJSKI, T., and McCLOUD, JERRY: Alkaline phosphomonoesterase and blood brain permeability. *Laboratory Investigation*, 10:492-501, 1961. (Also acknowledges MH-3744).
- SAMORAJSKI, T., and MARKS, B. H.: Localization of tritiated norepinephrine in mouse brain. *Journal of Histochemistry and Cytochemistry*, 10:392-399, 1962. (Also acknowledges MH-3744).
- MH-4472 (R01) WILSON, WILLIAM A., and WILSON, MARTHA: Analysis of behavioral functions of cerebral areas. Bryn Mawr College, Bryn Mawr, Pa. (1960-64)
- CHIANG, H. M., and WILSON, W. A., JR.: Some tests of the diluted-water hypothesis of saline consumption in rats. *Journal of Comparative and Physiological Psychology*, 56:660-665, 1963.
- GLEITMAN, HENRY, WILSON, W. A., JR., HERMAN, MAGDALENA M., and RESCORLA, ROBERT A.: Massing and within-delay position as factors in delayed-response performance. *Journal of Comparative and Physiological Psychology*, 56:445-451, 1963. (Also acknowledges MH-4993).
- WILSON, MARTHA: Further analysis of intersensory facilitation of learning sets in monkeys. *Perceptual and Motor Skills*, 18:917-920, 1964.
- WILSON, M., and WILSON, W. A., JR.: Intersensory facilitation of learning sets in normal and brain-operated monkeys. *Journal of Comparative and Physiological Psychology*, 55:931-934, 1962. (Also acknowledges MH-2908).
- WILSON, MARTHA, and WILSON, WILLIAM A., JR.: Visual and tactual preferences in normal and brain-operated monkeys. *Animal Behaviour*, 12: 227-230, 1964.
- WILSON, M., WILSON, W. A., JR., and CHIANG, H.-M.: The formation of tactual learning sets. *Journal of Comparative and Physiological Psychology*, 56:732-734, 1963.
- WILSON, W. A., JR.: Alternation in normal and frontal monkeys as a function of response and outcome of the previous trial. *Journal of Comparative and Physiological Psychology*, 55:701-704, 1962.
- WILSON, W. A., JR.: The effect of colony disease upon behavioral studies in primates. *Laboratory Animal Care*, 13:485-489, 1963.
- WILSON, WILLIAM A., JR., OSCAR, MARLENE, and BITTERMAN, M. E.: Visual probability-learning in the monkey. *Psychonomic Science*, 1:71-72, 1964.
- WILSON, WILLIAM A., JR., OSCAR, MARLENE, and BITTERMAN, M. E.: Probability-learning in the monkey. *Quarterly Journal of Experimental Psychology*, 16(2):163-165, 1964.
- WILSON, W. A., JR., OSCAR, M., and GLEITMAN, H.: The effect of frontal lesions in monkeys upon widely-spaced delayed-response trials. *Journal of Comparative and Physiological Psychology*, 56: 237-240, 1963.
- WILSON, W. A., JR., and SHAFFER, O. C.: Intermodality transfer of specific discriminations in the monkey. *Nature*, 197:107, 1963.
- MH-4476 (R03) UEKI, SHOWA, and SUGANO, HISANOBU: Effects of drugs on the limbic system. Kyushu University, Fukuoka, Japan. (1960-61)
- TANAKA, KUNIO, UEKI, SHOWA, and IKUTA, TAKUMI: Correlates between EEG and experimentally derived electrotonic potential. In: Proceedings of the 10th Annual Meeting of Japanese EEG Society. 1961, p. 58-61.
- UEKI, SHOWA: Problems in olfactory function. *Fukuoka Acta Medica*, 52:345-366, 1961.
- UEKI, SHOWA, and OONO, SHINJI: A new method for continuous recording of the pupil size by means of a phototransistor. *Archives Internationales de Pharmacodynamie et de Therapie*, 142: 339-348, 1963.
- UEKI, SHOWA, TANAKA, KUNIO, and SUGANO, HISANOBU: Pharmacological studies on the electrical activities of the olfactory bulb. *Japanese Journal of Pharmacology*, 14:80-93, 1964.
- MH-4479 (R01) ZIEGLER, FREDERICK J., PRENTISS, ROBERT, PURVIS, MARTIN, ROGERS, DAVID, and SHAFFER, JOHN: Psychosocial study of vasectomy patients. Scripps Clinic, La Jolla, Calif. (1961- )
- RODGERS, DAVID A.: Estimation of MMPI profiles from CPI data. *Journal of Consulting Psychology*, 30(1):89, 1966.
- RODGERS, DAVID A., ZIEGLER, FREDERICK J., ALTROCCHI, JOHN, and LEVY, NISSIM: A longitudinal study of the psycho-social effects of vasectomy. *Journal of Marriage and the Family*, 27 (1):59-63, 1965.
- RODGERS, DAVID A., ZIEGLER, FREDERICK J., PRENTISS, ROBERT J., and MARTIN, PURVIS L.: Comparisons of nine contraceptive procedures by couples changing to vasectomy or ovulation suppression medication. *Journal of Sex Research*, 1(2):87-96, 1965.
- RODGERS, D. A., ZIEGLER, F. J., ROHR, PATRICIA, and PRENTISS, R. J.: Sociopsychological characteristics of patients obtaining vasectomies from urologists. *Marriage and Family Living*, 25(3): 331-335, 1963.
- ZIEGLER, FREDERICK J., and KRIEGSMAN, SALI ANN: Vasectomy and psychological functioning. *Humanist*, 16-18, 1965.

- psychological consequences. *Psychiatry*, 28(1):50-63, 1966.
- MH-4481 (R01)** SCOTT, JOHN P., and BRONSON, FRANK H.: Development of normal and maladaptive social behavior. Roscoe B. Jackson Memorial Laboratory, Bar Harbor, Maine. (1961-64)
- BRONSON, F. H.: Density, subordination and social timidity in "Peromyscus" and C57BL/10J mice. *Animal Behaviour*, 11:475-479, 1963.
- BRONSON, H. F., and ELEFThERIOU, B. E.: Influence of strange males on implantation in the deer mouse. *General and Comparative Endocrinology*, 3:515-518, 1963.
- BRONSON, F. H., and ELEFThERIOU, B. E.: Adrenal responses to crowding in "Peromyscus" and C57BL/10J mice. *Physiological Zoology*, 36:161-166, 1963.
- BRONSON, F. H., and ELEFThERIOU, B. E.: Chronic physiological effects of fighting in mice. *General and Comparative Endocrinology*, 4:9-14, 1964.
- ELEFThERIOU, BASIL E., BRONSON, F. H., and ZARROW, M. X.: Interaction of olfactory and other environmental stimuli on implantation in the deer mouse. *Science*, 137:764, 1962.
- MARSDEN, HALSEY M., and BRONSON, F. H.: Estrous synchrony in mice: Alteration by exposure to male urine. *Science*, 144:1469, 1964.
- SCOTT, J. P.: Critical periods in behavioral development. *Science*, 138:949-958, 1962.
- SCOTT, J. P.: The process of primary socialization in canine and human infants. *Monographs of the Society for Research in Child Development*, 28(1):1-47, 1963.
- SCOTT, J. P.: Genetics and the development of social behavior in dogs. *American Zoologist*, 4:161-168, 1964.
- MH-4484 (R01)** KAPLAN, SOLOMON D., COATS, EDWIN A., and GIBSON, ROBERT D.: Visual-olfactory vs. vascular schizokinesis. Lincoln State Hospital, Lincoln, Nebr. (1961-64)
- PODELL, H. A., and PODELL, J. E.: Quantitative connotation of a concept. *Journal of Abnormal and Social Psychology*, 67:509-513, 1963. (Also acknowledges MH-5461).
- MH-4486 (R01)** MALZBERG, BENJAMIN, and THOMAS, DOROTHY SWAIN: Social and biological aspects of mental disease. Middletown State Hospital, Middletown, N.Y. (1961-64)
- MALZBERG, BENJAMIN: Mental disease among foreign-born in Canada, 1950-1952, in relation to period of immigration. *American Journal of Psychiatry*, 120(10):971-973, 1964. (Also acknowledges MH-1140).
- MALZBERG, BENJAMIN: Marital status and the incidence of mental disease. *International Journal of Social Psychiatry*, 10:19-26, 1964.
- MH-4490 (R01)** SINGER, ROBERT D.: Conditioning and generalization of verbal responses. Stanford University, Stanford, Calif. (1961-63)
- GELFAND, DONNA M., and SINGER, ROBERT D.: Generalization of children's verbally conditioned personality judgments. *Journal of Clinical Psychology*, 21:101-103, 1965.
- WERTHEIM, GEORGE A., and SINGER, ROBERT D.: Resistance to extinction in the goldfish following schedules of continuous and variable interval reinforcement. *Journal of the Experimental Analysis of Behavior*, 7:357-360, 1964.
- MH-4493 (R01)** NAKAMURA, CHARLES Y.: Absolute and relative incentive magnitude in learning. University of California, Los Angeles, Calif. (1961-63)
- ANDERSON, N. H., and NAKAMURA, C. Y.: Avoidance decrement in avoidance conditioning. *Journal of Comparative and Physiological Psychology*, 57:196-204, 1964.
- BOROCZI, G., and NAKAMURA, C. Y.: Variability of responding as a measure of the effect of frustration. *Journal of Abnormal and Social Psychology*, 3:342-345, 1964.
- NAKAMURA, CHARLES Y.: Effect of prominence of dissonance-associated stimuli during evaluation of the stimuli. *Journal of Experimental Child Psychology*, 3(1):86-99, 1966.
- NAKAMURA, C. Y., and ANDERSON, N. H.: Avoidance conditioning in wheel box and shuttle box. *Psychological Reports*, 14:327-334, 1964.
- NAKAMURA, CHARLES Y., and BROOCZI, GEORGE: Effect of relative incentive value on persistence and response speed. *Child Development*, 36(2):247-257, 1965.
- NAKAMURA, C. Y., and ELLIS, F. F.: Methodological study of the effects of relative reward magnitude on performance. *Child Development*, 35:595-610, 1964.
- NAKAMURA, C. Y., and LOWENKRON, B. Z.: Incentive magnitude, task orientation, and persistence. *Child Development*, 35:611-621, 1964.

- NAKAMURA, CHARLES Y., SMITH, JAMES C., and SCHWARTZ, FREDERICK W.: Establishment of a lasting discriminative stimulus in rats by competition training. *Journal of Comparative and Physiological Psychology*, 56:852-856, 1963.
- MH-4494 (R01) JENSEN, GLENN D.: Comparative study of operant conditioning. University of New Mexico, Albuquerque, N.M. (1961-62) (Continued as MH-7237).
- JENSEN, GLENN D.: Preference for bar-pressing over "freeloading" as a function of number of rewarded presses. *Journal of Experimental Psychology*, 65:451-454, 1963. (Also acknowledges MH-2834 and MH-7237).
- MH-4495 (R01) BERLYNE, DANIEL E.: Exploratory behavior and arousal. Boston University, Boston, Mass. (1961-62) (Continued as MH-6324).
- BERLYNE, D. E.: New directions in motivation theory. In: Gladwin, T., and Sturtevant, W. C., eds. *Anthropology and human behavior*. Washington, Anthropological Society of Washington, 1962, p. 150-173. (Also acknowledges MH-6324).
- BERLYNE, DANIEL E.: Uncertainty and epistemic curiosity. *British Journal of Psychology*, 53:27-34, 1962. (Also acknowledges MH-6324).
- BERLYNE, D. E.: Comments on relations between Piaget's theory and S-R theory. In: Kessen, W., and Kuhlman, C., eds. *Thought in the young child*. Monographs of the Society for Research in Child Development, 1962, p. 150-173. (Also acknowledges MH-6324).
- BERLYNE, D. E.: Complexity and incongruity variables as determinants of exploratory choice and evaluative ratings. *Canadian Journal of Psychology*, 17:274-290, 1963. (Also acknowledges MH-6324).
- BERLYNE, D. E.: Psychology in the U.S.S.R. *Canadian Psychologist*, 4:1-13, 1963. (Also acknowledges MH-6324).
- BERLYNE, D. E.: Motivational problems raised by exploratory and epistemic behavior. In: Koch, S., ed. *Psychology—a study of a science*. Vol. 5. New York, McGraw-Hill, 1963, p. 284-364. (Also acknowledges MH-6324).
- BERLYNE, D. E.: Soviet research on intellectual processes in children. In: Wright, J. C., and Kagan, J., eds. *Society for research in child development monographs*. Washington, D.C., National Research Council, 1963, p. 165-183. (Also acknowledges MH-6324).
- BERLYNE, D. E.: Emotional aspects of learning. *Annual Review of Psychology*, 15:115-142, 1964. (Also acknowledges MH-6324).
- BERLYNE, D. E., CRAW, M. A., SALAPATHK, P. H., and LEWIS, J. L.: Novelty, complexity, incongruity, extrinsic motivation and the GSR. *Journal of Experimental Psychology*, 66:560-567, 1963. (Also acknowledges MH-6324).
- BERLYNE, D. E., and LAWRENCE, G. H.: Effects of complexity and incongruity variables on GSR, investigatory behavior and verbally expressed preference. *Journal of General Psychology*, 71:21-45, 1964. (Also acknowledges MH-6324).
- BERLYNE, D. E., and LEWIS, J. L.: Effects of heightened arousal on human exploratory behavior. *Canadian Journal of Psychology*, 17:398-411, 1963. (Also acknowledges MH-6324).
- BERLYNE, D. E., SALAPATEK, H., GRIMAN, R. S., and ZENER, S. L.: Is light increment really rewarding to the rat? *Journal of Comparative and Physiological Psychology*, 58:148-151, 1964. (Also acknowledges MH-6324).
- MH-4506 (R01) LEIGHTON, ALEXANDER H., and HUGHES, CHARLES C.: Cornell-Aro mental health research project. Cornell University, New York, N.Y. (1961-61)
- LEIGHTON, ALEXANDER H., and LAMBO, T. ADROYE: Psychiatric problems in developing countries. In: U.S. Papers for U.N. Conference on the Application of Science and Technology for Benefit of Less Developed Areas, Geneva, 1962. Washington, D.C., U.S. Government Printing Office, 1963.
- LEIGHTON, A. H., LAMBO, T. A., HUGHES, C. C., LEIGHTON, D. C., MURPHY, J. M., and MACKLIN, D. B.: Psychiatric disorder in West Africa. *American Journal of Psychiatry*, 120(6):521-527, 1963.
- LEIGHTON, A. H., LAMBO, T. ADROYE, HUGHES, CHARLES C., LEIGHTON, DOROTHEA C., MURPHY, JANE M., and MACKLIN, DAVID B.: Psychiatric disorder among the Yoruba. Ithaca, New York, Cornell University Press, 1963, 413 p.
- LEIGHTON, ALEXANDER H., and MURPHY, JANE M.: The problem of cultural distortion. *Milbank Memorial Fund Quarterly*, 43(2)Part 2:189-198, 1965.
- MH-4507 (R01) CRUSE, DANIEL B.: The development of socially desirable responses. University of Arkansas, Fayetteville, Ark. (1961-61)
- CRUSE, DANIEL B.: Socially desirable responses in relation to grade level. *Child Development*, 34: 777-789, 1963.
- MH-4509 (R01) CUMMING, WILLIAM W.: Parametric study of temporally spaced responding. Columbia University, New York, N.Y. (1961-61) (Continued as MH-6911).

- MALOTT, RICHARD W., and CUMMING, WILLIAM W.: Schedules of inter-response time reinforcement. *Psychological Record*, 14:211-252, 1964. (Also acknowledges MH-6911).
- MH-4511 (R01) BUCKLEY, JOSEPH P., ACETO, MARIO D., ROSECRANS, JOHN A., and VOGIN, EUGENE E.: Effects of psychotropic drugs on experimental stress. University of Pittsburgh, Pittsburgh, Pa. (1961- )
- ACETO, M. D. G., KINNARD, W. J., and BUCKLEY, J. P.: Effect of compounds on blood pressure and behavioral responses of rats chronically subjected to an avoidance-escape situation. *Pharmacologist*, 4:152, 1962.
- ACETO, M. D. G., KINNARD, W. J., and BUCKLEY, J. P.: Effect of compounds on blood pressure and behavioral responses of rats chronically subjected to an avoidance-escape situation. *Archives Internationales de Pharmacodynamie de Therapie*, 144: 214, 1963.
- BUCKLEY, J. P., KATO, H., KINNARD, W. J., ACETO, M. D. G., and ESTEVEZ, J. M.: Effects of reserpine and chlorpromazine on rats subjected to experimental stressors. (Abstract) *Pharmacologist*, 5: 261, 1963. Also in: *Psychopharmacologia*, 6:87-95, 1964.
- DIXIT, B. N., and BUCKLEY, J. P.: Brain 5-HT and anterior pituitary activation by stress and reserpine. (Abstract) *Federation Proceedings*, 25(2):192, 1966.
- MH-4515 (R01) FRENCH, GILBERT M.: Role of experience in behavior of frontal monkeys. University of California, Berkeley, Calif. (1961-64)
- FRENCH, G. M.: The frontal lobes and association. In: Warren, J. M., and AKERT, K., eds. *The frontal granular cortex and behavior*. New York, McGraw-Hill, 1964, p. 56-73.
- FRENCH, G. M., BIRNBAUM, I., LEVINE, R., and PINSKER, H.: Discriminative choice in normal and prefrontal rhesus monkeys. *Journal of Comparative and Physiological Psychology*, 59(2):225-230, 1965.
- MH-4516 (R01) ZIMMERMANN, ROBERT R.: Discrimination learning during early development. Cornell University, Ithaca, N.Y. (1961- )
- LOCKE, KATHERINE D., LOCKE, EDWIN A., MORGAN, GEORGE A., and ZIMMERMANN, ROBERT R.: Dimensions of social interactions among infant rhesus monkeys. *Psychological Reports*, 15:339-349, 1964.
- LOCKE, KATHERINE D., MORGAN, GEORGE A., JR., and ZIMMERMANN, ROBERT R.: Method for observing social interactions in groups of infant rhesus monkeys. *Psychological Reports*, 14:83-91, 1964.
- SCHIFF, W., CAVINESS, J. A., and GIBSON, J. J.: Persistent fear response in rhesus monkeys to the optical stimulus of looming. *Science*, 136:982-983, 1962.
- TIGHE, THOMAS J.: Effect of overtraining on reversal and extradimensional shifts. *Journal of Experimental Psychology*, 70(1):13-17, 1965.
- ZIMMERMAN, ROBERT R., and TORREY, CHARLES C.: Ontogeny of learning. In: Schrier, Allan M., Harlow, Harry F., and Stollnitz, Fred, eds. *Behavior of nonhuman primates*. Vol. 2. New York, Academic Press, 1965, p. 405-447. (Also acknowledges MH-4355 and MH-772).
- MH-4518 (R03) RADER, GORDON E., and PROUTS, JANE: Personality interaction in the psychiatric interview. University of North Carolina, Chapel Hill, N.C. (1960-61)
- PROUTS, JANE H., and RADER, G. E.: Instruction in interviewing technique in the medical school curriculum: Report of a trial program and some suggestions. *Journal of Medical Education*, 37:681-686, 1962.
- PROUTS, JANE H., and RADER, G. E.: The influence of interviewer characteristics on the initial interview. *Social Casework*, 43:548-552, 1962.
- MH-4520 (R03) BELL, GRAHAM C., and PRICE, MARIAN BLHWITT: Mental age, IQ, sex and divergent thinking. Pomona College, Claremont, Calif. (1960-61)
- PRICE, MARIAN B., and BELL, GRAHAM B.: The relationship of chronological age, mental age, IQ and sex to divergent thinking tests. *Journal of Psychological Researches*, 9(1):1-9, 1965.
- MH-4523 (R01) WEISS, ROBERT F.: Attitude learning through persuasive communication. Columbus Psychiatric Institute and Hospital, Columbus, Ohio. (1961-63)
- WEISS, R. F.: Persuasion and the acquisition of attitudes: Models from conditioning and selective training. *Psychological Reports*, 11:709-732, 1962.
- WEISS, R. F.: Defection from social movements and subsequent recruitment of new movements. *Sociometry*, 26:1-20, 1963.
- WEISS, ROBERT FRANK: Delay of verbal reward in verbal conditioning and selective learning. *Psychological Reports*, 16(3): Part 1, 857-861, 1965.
- WEISS, R. F., BUCHANAN, W., and PASAMANICK, B.: Social consensus in persuasive communication. *Psychological Reports*, 14:95-98, 1964.

- WEISS, ROBERT F., BUCHAN, WILLIAM, PASAMANICK, BENJAMIN: Delay of reinforcement and delay of punishment in persuasive communication. *Psychological Reports*, 16:576, 1965.
- WEISS, R. F., and PASAMANICK, B. Number of exposures to persuasive communication in the instrumental conditioning of attitudes. *Journal of Social Psychology*, 63:373-382, 1964.
- WEISS, R. F., RAWSON, H. E., and PASAMANICK, B.: Argument strength, delay of argument and anxiety in the "conditioning" and "selective learning" of attitudes. *Journal of Abnormal and Social Psychology*, 67:157-165, 1963.
- MH-4524 (R01) ALLISON, ROGER B., JR.: Multi-dimensional semantic differentials. University of Utah, Salt Lake City, Utah. (1961-63)
- ALLISON, R. B., JR.: A two-dimensional semantic differential. *Journal of Consulting Psychology*, 27:18-23, 1963.
- ALLISON, R. B., JR.: Using adverbs as multipliers in semantic differentials. *Journal of Psychology*, 56:115-117, 1963.
- MH-4527 (R01) GREENBAUM, MARVIN, and GUNBERG, DAVID L.: Effects of multiple stress on behavior. University of Oregon Medical School, Portland, Ore. (1961-62)
- GREENBAUM, MARVIN, and LEVY, NISSIM: Effect of multiple stress and Thorazine on Amsel's frustration effect. *Psychological Reports*, 16(3)Part 1:947-948, 1965.
- MH-4528 (R01) HARLOW, HARRY F., and MOWBRAY, JAY B.: Comprehensive behavioral studies of monkeys. University of Wisconsin, Madison, Wisc. (1961- ) (Continued from MH-772).
- BOYER, WILLIAM N.: Discriminative performance by three species of monkeys as a function of trial 1 reward contingency, intertrial interval and prior test experience. *Psychonomic Science*, 5(1):27-28, 1966.
- CADELL, T. E., HARLOW, H. F., and WAISMAN, H. A.: EEG changes in experimental phenylketonuria. *Electroencephalography and Clinical Neurophysiology*, 14:540-543, 1962. (Also acknowledges MH-2730 and MH-5048).
- CROSS, H. A., and HARLOW, H. F.: Observation of infant monkeys by female monkeys. *Perceptual and Motor Skills*, 16:11-15, 1963.
- DAVENPORT, J. W.: A rotary runway apparatus. *Psychological Reports*, 12(2):385-386, 1963. (Also acknowledges MH-3085).
- DAVENPORT, J. W.: Spatial discrimination and reversal learning involving differential magnitude of reinforcement. *Psychological Reports*, 12:655-665, 1963. (Also acknowledges MH-3085).
- DAVENPORT, JOHN W., GOODRICH, KENNETH P., and HAGQUIST, WILLIAM W.: Effects of magnitude of reinforcement in *Macaca speciosa*. *Psychonomic Science*, 4(5):187-188, 1966.
- DAVENPORT, JOHN W., and THOMPSON, CARL I.: The Amsel frustration effect in monkeys. *Psychonomic Science*, 3(11):481-482, 1965.
- FLETCHER, HAROLD J., and BORDOW, ALLAN M.: Monkey's solution of an ambiguous-cue problem. *Perceptual and Motor Skills*, 21(1):115-119, 1965.
- FLETCHER, HAROLD J., and CROSS, HENRY A.: Effects of trial 1 reward contingency, intertrial interval and experience on intraproblem discrimination performance of monkeys. *Journal of Comparative and Physiological Psychology*, 57:318-320, 1964.
- FLETCHER, HAROLD J., and TAKEMURA, KEN-ICHI: Prompted vs. trial-and-error concept discrimination learning in monkeys. *Perceptual and Motor Skills*, 20(3)Part 1:737-743, 1965.
- GOODRICH, KENNETH P.: Differential conditioning based on concentration of sucrose reinforcement in rats on a VI schedule. *Psychonomic Science*, 3(5):213-214, 1965.
- HANSEN, ERNST W., HARLOW, HARRY F., and DODSWORTH, ROBERT O.: Reactions of rhesus monkeys to familiar and unfamiliar peers. *Journal of Comparative and Physiological Psychology*, 61(2):274-279, 1966.
- HARLOW, H. F.: The development of affectional patterns in infant monkeys. In: Foss, B. M., ed. *Determinants of infant behavior*. London, CIBA Foundation, 1961.
- HARLOW, H. F.: The heterosexual affectional system in monkeys. *American Psychologist*, 17:1-9, 1962.
- HARLOW, H. F.: A behavioral approach to psychoanalytic theory. *Science and Psychoanalysis*, 7:93-117, 1964.
- HARLOW, HARRY F.: Early social deprivation and later behavior in the monkey. In: Abrams, Arnold, ed. *Unfinished tasks in the behavioral sciences*. Baltimore, Md., Williams & Wilkins, 1964, p. 154-173.
- HARLOW, HARRY F., and HARLOW, MARGARET K.: The affectional systems. In: Schrier, Allan M., Harlow, Harry F., and Stollnitz, Fred, eds. *Behavior of nonhuman primates*. Vol. 2. New York, Academic Press, 1965, p. 287-334.
- HARLOW, H. F., HARLOW, M. K., and HANSEN, E. W.: The maternal affectional system of rhesus

- monkeys. In: Rheingold, H. L., ed. *Maternal behavior in mammals*. New York, Wiley, 1963, p. 254-281.
- HARLOW, H. F., ROWLAND, G. L., and GRIFFIN, G. A.: The effect of total social deprivation on the development of monkey behavior. *Psychiatric Research Reports*, 19:116-135, 1964.
- HARLOW, H. F., and SEAY, B.: Affectional systems in rhesus monkeys. *Journal of the Arkansas Medical Society*, 1964.
- LOCKHART, J. M., PARKS, T. E., and DAVENPORT, J. W.: Information acquired in one trial by learning-set experienced monkeys. *Journal of Comparative and Physiological Psychology*, 56(6): 1035-1037, 1963.
- MITCHELL, G. D., RAYMOND, E. J., RUPPENTHAL, G. C., and HARLOW, H. F.: Long-term effects of total social isolation upon behavior of rhesus monkeys. *Psychological Reports*, 18(2):567-580, 1966.
- MOWBRAY, J. B., and CADELL, T. E.: Early behavior patterns in rhesus monkeys. *Journal of Comparative and Physiological Psychology*, 55: 350-357, 1962. (Also acknowledges MH-772).
- ROSENBLUM, L. A., and HARLOW, H. F.: Generalization of affectional responses in rhesus monkeys. *Perceptual and Motor Skills*, 16:561-564, 1963.
- ROSENBLUM, L. A., and HARLOW, H. F.: Approach-avoidance conflict in the mother-surrogate situation. *Psychological Reports*, 12:83-85, 1963.
- SACKETT, GENE P.: Effects of rearing conditions upon the behavior of rhesus monkeys (*Macaca mulatta*). *Child Development*, 36(4):855-868, 1965.
- SACKETT, GENE P.: Manipulatory behavior in monkeys reared under different levels of early stimulus variation. *Perceptual and Motor Skills*, 20 (3):Part 1:985-988, 1965.
- SACKETT, GENE P.: Response of rhesus monkeys to social stimulation presented by means of colored slides. *Perceptual and Motor Skills*, 20(3)Part 2: 1027-1028, 1965.
- SACKETT, G. P., PORTER, M., HOLMES, H.: Choice behavior in rhesus monkeys: Effect of stimulation during the first month of life. *Science*, 147:304-306, 1965.
- SCHWARTZBAUM, J. S., BOWMAN, R. E., and HOLDSTOCK, L.: Visual exploration in the monkey following ablation of the amygdaloid complex. *Journal of Comparative and Physiological Psychology*, 57(3):453-456, 1964. (Also acknowledges MH-4686).
- SEAY, B., ALEXANDER, B. K., and HARLOW, H. F.: Maternal behavior of socially deprived rhesus monkeys. *Journal of Abnormal and Social Psychology*, 69:345-354, 1964.
- SEAY, BILL, and HARLOW, HARRY F.: Maternal separation in the rhesus monkey. *Journal of Nervous and Mental Disease*, 140(6):434-441, 1965.
- STERRITT, G. M., GOODENOUGH, E., and HARLOW, H. F.: Learning set development: Trials to criterion vs. six trials per problem. *Psychological Reports*, 13:267-271, 1963.
- WALL, A. M., and GOODRICH, K. P.: Differential responding on reinforcement and nonreinforcement trials occurring in fixed repeating patterns. *Psychonomic Science*, 1:193-194, 1964. (Also acknowledges MH-4426).
- MH-4529 (R01) VALENSTEIN, ELLIOT S.: Affective consequences of brain stimulation. Fels Research Institute, Yellow Springs, Ohio. (1961- )
- CASH, BARBARA, and VALENSTEIN, E. S.: Methy methacrylate monomer; a solvent for removal of implanted electrodes. *Stain Technology*, 38:201-202, 1963.
- COX, VERNE C., and VALENSTEIN, ELLIOT S.: Attenuation of aversive properties of peripheral shock by hypothalamic stimulation. *Science*, 149 (3681):323-325, 1965.
- COX, VERNE C., and VALENSTEIN, ELLIOT S.: The effect of extensive mesencephalic central gray lesions on responses to reinforcing brain stimulation. *Psychonomic Science*, 4(1):1-2, 1966.
- MEYERS, W. J., and VALENSTEIN, E. S.: Animal preference for method of obtaining reinforcing brain stimulation. *Journal of Comparative and Physiological Psychology*, 57:47-51, 1964.
- MEYERS, W. J., VALENSTEIN, E. S., and LACEY, J. I.: Heart rate changes following reinforcing brain stimulation in rats. *Science*, 140:1233-1235, 1963.
- PETROHILOS, H. G., SIMPSON, R., WELFORD, N. T., and VALENSTEIN, E. S.: A design for a reliable and inexpensive biphasic stimulator. *Electroencephalograph and Clinical Neurophysiology*, 15: 1042-1044, 1963.
- SIMPSON, R., and VALENSTEIN, E. S.: An inexpensive swivel-device for electrical stimulation of unrestrained animals. *Electroencephalography and Clinical Neurophysiology*, 15:900-901, 1963.
- VALENSTEIN, E. S.: Problems of measurement and interpretation with reinforcing brain stimulation. *Psychological Review*, 71:415-437, 1964.
- VALENSTEIN, ELLIOT S.: Interaction of positive and negative reinforcing neural systems. *Science*, 145: 1456-1458, 1964.

- and escape reactions to electrical stimulation of the brain. *Journal of Comparative and Physiological Psychology*, 60(1):20-30, 1965.
- VALENSTEIN, E. S., and BEER, B.: Reinforcing brain stimulation in competition with water reward and shock avoidance. *Science*, 137:1052-1054, 1962.
- VALENSTEIN, E. S., and MEYERS, W. J.: A rate-independent test of reinforcing consequences of brain stimulation. *Journal of Comparative and Physiological Psychology*, 57:52-60, 1964.
- VALENSTEIN, E. S., and VALENSTEIN, T.: Interaction of positive and negative reinforcing neural systems. *Science*, 145:1456-1458, 1964.
- VALENSTEIN, ELLIOT S., and WEBER, MARGARET L.: Potentiation of insulin coma by saccharin. *Journal of Comparative and Physiological Psychology*, 60(3):443-448, 1965.
- MH-4530 (R01) ZAMANSKY, HAROLD S., BRIGHTBILL, ROGER, and SCHARF, BERTRAM: Modification of visual threshold under hypnosis. Northeastern University, Boston, Mass. (1961- )
- BRIGHTBILL, ROGER F., and ZAMANSKY, HAROLD S.: The conceptual space of good and poor hypnotic subjects: A preliminary exploration. *International Journal of Clinical and Experimental Hypnosis*, 11:112-121, 1963.
- SCHARF, B., and ZAMANSKY, H. S.: Reduction of the word-recognition threshold under hypnosis. *Perceptual and Motor Skills*, 17:499-510, 1963. (Also acknowledges MH-3750).
- ZAMANSKY, HAROLD S., and BRIGHTBILL, ROGER: Modification of the word-recognition threshold by hypnotic suggestion and monetary reward. *Perceptual and Motor Skills*, 18:805-812, 1964.
- ZAMANSKY, HAROLD S., and BRIGHTBILL, ROGER F.: Attitude differences of volunteers and nonvolunteers and of susceptible and nonsusceptible hypnotic subjects. *International Journal of Clinical and Experimental Hypnosis*, 13(4):279-290, 1965.
- ZAMANSKY, HAROLD S., SCHARF, BERTRAM, and BRIGHTBILL, ROGER: The effect of expectancy for hypnosis on prehypnotic performance. *Journal of Personality*, 32(2):236-248, 1964.
- MH-4531 (R01) SPIVACK, GEORGE, and LEVINE, MURRAY: The subjective time scale—method and theory. Devereux Schools, Devon, Pa. (1961-63)
- SPIVACK, G., and LEVINE, M.: Self regulation in acting out and normal adolescents. Devon, Pa., Devereux Foundation, 1963, 207 p. (Processed).
- SPIVACK, G., and LEVINE, M.: Consistency of individual differences in time judgments. *Perceptual and Motor Skills*, 19:83-92, 1964.
- BROWN, D. R., HITCHCOCK, L., JR., and MICHELS, K. M.: Quantitative studies of discrimination behavior. Purdue University, Lafayette, Ind. (1961-64)
- BROWN, D. R., HITCHCOCK, L., JR., and MICHELS, K. M.: Quantitative studies in form perception: The visual discrimination performance of human subjects. *Perceptual and Motor Skills*, 14:519-529, 1962.
- HITCHCOCK, JR., BROWN, D. R., MICHELS, K. M., and SPIRITOSO, T.: Stimulus complexity and the judgment of relative size. *Perceptual and Motor Skills*, 14(2):210, 1962.
- HITCHCOCK, L., JR., MICHELS, K. M., BROWN, D. R.: Discrimination learning: Squirrels vs. raccoons. *Perceptual and Motor Skills*, 16:405-414, 1963.
- MICHELS, K. M., PITTMAN, G. G., HITCHCOCK, L., and BROWN, D. R.: Visual discrimination: Tree squirrels and quantified stimulus dimensions. *Perceptual and Motor Skills*, 15:443-450, 1962.
- ZUSNE, L.: Moments of area and of the perimeter of visual form as predictors of discrimination performance. *Journal of Experimental Psychology*, 69(3):213-220, 1965.
- ZUSNE, L., and MICHELS, K. M.: Geometricity of visual form. *Perceptual and Motor Skills*, 14:147-154, 1962.
- ZUSNE, L., and MICHELS, K. M.: More on the geometricity of visual form. *Perceptual and Motor Skills*, 15:55-58, 1962.
- ZUSNE, L., and MICHELS, K. M.: Nonrepresentational shapes and eye movements. *Perceptual and Motor Skills*, 18:11-20, 1964.
- MH-4533 (R01) SPITZ, HERMAN H.: Curiosity behavior in mental retardates and normals. Edward R. Johnstone Training and Research Center, Bordentown, N.J. (1961-61)
- HOATS, DAVID L., MILLER, MARTIN B., and SPITZ, HERMAN H.: Experiments on perceptual curiosity in mental retardates and normals. *American Journal of Mental Deficiency*, 68(3):386-395, 1963.
- MH-4534 (R01) BARRATT, ERNEST S.: ANS activity related to intraindividual variability. Texas Christian University, Fort Worth, Texas. (1961-61)
- BARRATT, ERNEST S.: Intra-individual variability of performance: ANS and psychometric correlates. *Texas Reports on Biology and Medicine*, 21:496-504, 1963.
- MH-4539 (R01) ISAAC, WALTER: Quantification of arousal and arousal stimuli. Emory University, Atlanta, Ga. (1961- )



- ALEXANDER, M., and ISAAC W.: Effect of illumination and D-amphetamine on the activity of the rhesus macaque. *Psychological Reports*, 16:311-313, 1965.
- ISAAC, WALTER: Role of stimulation and time in the effects of spaced occipital ablations. *Psychological Reports*, 14:151-154, 1964.
- THURMOND, JOHN B.: Effects of amphetamine on the monkey's visual threshold. *Psychonomic Science*, 3(3):115-116, 1965.
- MH-4543 (R01) FISHMAN, VIVIAN: Metabolism of chlorpromazine in psychiatric disorders. Hillside Hospital, Glen Oaks, N.Y. (1961-64)
- FISHMAN, V., and GOLDENBERG, H.: Identification of a new metabolite of imipramine. *Proceedings of the Society for Experimental Biology and Medicine*, 110:187-190, 1962. (Also acknowledges MH-1305).
- FISHMAN, V., HEATON, A., and GOLDENBERG, H.: Metabolism of chlorpromazine. III. Isolation and identification of chlorpromazine-n-oxide. *Proceedings of the Society for Experimental Biology and Medicine*, 109:548-552, 1962. (Also acknowledges MH-1305 and MH-3929).
- FISHMAN, VIVIAN, and GOLDENBERG, HARRY: Side-chain degradation and ring hydroxylation of phenothiazine tranquilizers. *Journal of Pharmacology and Experimental Therapeutics*, 150(1): 122-128, 1965. (Also acknowledges MH-3929).
- GOLDENBERG, H., and FISHMAN, V.: Metabolism of chlorpromazine. Confirmation of position 7 as the major site of hydroxylation. *Biochemical and Biophysical Research Communications*, 14:404-407, 1964. (Also acknowledges MH-3929).
- GOLDENBERG, HARRY, and FISHMAN, VIVIAN: Comments on "7-hydroxychlorpromazine in the urines of schizophrenics receiving chlorpromazine. *Biochemical Pharmacology*, 14(3):365-368, 1965. (Also acknowledges MH-3929).
- GOLDENBERG, H., FISHMAN, V., HEATON, A., and BURNETT, R.: A detailed evaluation of promazine metabolism. *Proceedings of the Society for Experimental Biology and Medicine*, 115:1044-1051, 1964. (Also acknowledges MH-3929).
- MH-4545 (R01) GARNER, HARRY H., JEANS, ROBERT F., and TOMAN, JAMES E.: Electrical signs of subjective activity. Chicago Medical School, Chicago, Ill. (1961- )
- GARNER, H. H.: Compliance and problem-solving psychotherapy. *Comprehensive Psychiatry*, 7(1): 21-30, 1966.
- ORDON, P., FUEDEMA, J. J., SNIDER, G. L., ABRAMS, A., TOBIN, S. S., and KRAUS, J. D.: The effects of a European procaine preparation in a aged population. *Journal of Gerontology*, 20 (2):144-150, 1965.
- TOMAN, JAMES E. P.: Neurotropic drugs. In: Elliott, Page, and Quastel, J. H., eds. *Neurochemistry*. Springfield, Ill., Thomas, 1962, p. 728-765. (Also acknowledges MH-1422 and MH-3775).
- TOMAN, J. E. P.: Some aspects of central nervous pharmacology. *Annual Review of Pharmacology*, 3:153-184, 1963. (Also acknowledges MH-5503).
- VAZQUE, A. J., and TOMAN, J. E. P.: Human EEG averaged operant potentials. (Abstract) *Federation Proceedings*, 25(2):638, 1966. (Also acknowledges MH-5503).
- MH-4547 (R01) AUBERT, VILHELM, and TILLER, PER O.: A study of isolated families and communities. Institute for Social Research, Oslo, Norway. (1961- )
- AUBERT, VILHELM: Poverty, isolation and social structure. *Sosialt Arbeid* (Norway), 38:34-43, 1964.
- TILLER, PER OLAV: Isolation: Center and periphery. *Scandinavian Journal of Psychology*, 4:90-96, 1963.
- MH-4548 (R01) FELDSTEIN, STANLEY, and JAFFE, JOSEPH: Correlates of the linguistic aspects of speech. William Alanson White Institute, New York, N.Y. (1961-62)
- BRENNER, MARCIA S., FELDSTEIN, STANLEY, and JAFFE, JOSEPH: The contribution of statistical uncertainty and test anxiety to speech disruption. *Journal of Verbal Learning and Verbal Behavior*, 4(4):300-305, 1965. (Also acknowledges MH-4571).
- CASSOTTA, L., FELDSTEIN, S., and JAFFE, J.: AVTA: A device for automatic vocal transaction analysis. *Journal of the Experimental Analysis of Behavior*, 7:99-104, 1964. (Also acknowledges MH-4571).
- FELDSTEIN, S.: The relationship of interpersonal involvement and affectiveness of content to the verbal communication of schizophrenic patients. *Journal of Abnormal and Social Psychology*, 64: 39-45, 1962. (Also acknowledges MH-1052).
- FELDSTEIN, STANLEY, BRENNER, MARCIA S., and JAFFE, JOSEPH: The effect of subject sex, verbal interaction and topical focus on speech disruption. *Language and Speech*, 6:229-239, 1963. (Also acknowledges MH-4571).
- FELDSTEIN, S., and JAFFE, J.: Language predictability as a function of psychotherapeutic interaction. *Journal of Consulting Psychology*, 27:123-126, 1963. (Also acknowledges MH-4571).

- FELDSTEIN, STANLEY, and JAFFE, JOSEPH: Schizophrenic speech fluency: A partial replication and an hypothesis. *Psychological Reports*, 13:775-780, 1963. (Also acknowledges MH-4571).
- FELDSTEIN, S., JAFFE, J., and CASSOTTA, L.: Psychodiagnostic implications of automated speech analysis. In: Enslein, K., ed. *Proceedings of the Conference on Data Acquisition and Processing in Biology and Medicine*. New York, Pergamon, 1962, p. 243-251. (Also acknowledges MH-4571).
- JAFFE, J.: Electronic computers in psychoanalytic research. In: Masserman, E. H., ed. *Science and psychoanalysis*. Vol. 6. New York, Grune & Stratton, 1963, p. 160-172. (Also acknowledges MH-4571).
- JAFFE, JOSEPH: Verbal behavior analysis in psychiatric interviews with the aid of digital computers. In: Rioch, David McK., and Weinstein, Edwin A., eds. *Disorders of communication*. Vol. 42. Baltimore, Williams & Wilkins, 1964, p. 389-399. (Also acknowledges MH-4571 and MH-5120).
- ROZAN, GERALD H., JAFFE, JOSEPH, and FELDSTEIN, STANLEY: Rating the potential for psychiatric nursing. *Mental Hygiene*, 49(4):604-607, 1965. (Also acknowledges MH-4571).
- MH-4549 (R01) FOWLER, HARRY: Stimulus factors affecting exploratory behavior. University of Pittsburgh, Pittsburgh, Pa. (1961-63)
- FOWLER, HARRY: Exploratory motivation and animal handling: The effect on runway performance of start-box exposure time. *Journal of Comparative and Physiological Psychology*, 56:866-871, 1963.
- MH-4552 (R01) STEVENS, JOHN D.: Cell permeability in schizophrenia. Loma Linda University, Los Angeles, Calif. (1961-64)
- STEVENS, JOHN D.: Membrane permeability in schizophrenia. *Diseases of the Nervous System*, 25:21-28, 1964.
- MH-4559 (R01) SCHULMAN, MARTIN P.: Metabolism of aliphatic alcohols. University of Illinois, Chicago, Ill. (1961- )
- AMER, M. SAMIR, and SCHULMAN, MARTIN P.: Metabolism of ethanol. *Quarterly Journal of Studies on Alcohol*, 20:439, 1959.
- GUPTA, N., KOWALCHYK, J., and SCHULMAN, M. P.: Coupled oxidoreductase activity of horse liver alcohol dehydrogenase. (Abstract) *Federation Proceedings*, 25(2):750, 1966.
- SCHULMAN, M. P., and VOGEL, W. H.: Inhibition of enzymes by aromatic compounds in vitro and in vivo. (Abstract) *Federation Proceedings*, 24(2)Part 1:530, 1965.
- SNYDER, R., VOGEL, W. H., and SCHULMAN, M. P.: Differential effects on the alcohol dehydrogenase and isomerase activities of the liver alcohol dehydrogenase. *Biochemical and Biophysical Research Communications*, 13:335-339, 1963.
- VOGEL, W. H., SNYDER, R., and SCHULMAN, M. P.: Inhibition of dehydrogenases by folic acid and several analogs. *Biochemical and Biophysical Research Communications*, 10:97-101, 1963.
- VOGEL, W. H., SNYDER, R., and SCHULMAN, M. P.: Inhibition of several enzymes by folic acid, aminopterin and amethopterin. *Biochimica et Biophysica Acta*, 85:164-167, 1964.
- VOGEL, W. H., SNYDER, R., and SCHULMAN, M. P.: Inhibition of alcohol dehydrogenase by folic acid and several of its analogs. *Proceedings of the Society for Experimental Biology and Medicine*, 115:545-549, 1964.
- MH-4563 (R01) DEUTSCH, JAY A.: Control of ingestion and nature of reward. Stanford University, Stanford, Calif. (1961-63)
- DEUTSCH, J. A.: Higher nervous function: The physiological bases of memory. *Annual Review of Physiology*, 24:259-296, 1962.
- DEUTSCH, J. A.: Learning and electrical self-stimulation of the brain. *Journal of Theoretical Biology*, 4:193-214, 1963.
- DEUTSCH, J. A.: Behavioral measurement of the neural refractory period and its application to intracranial self-stimulation. *Journal of Comparative and Physiological Psychology*, 58:1-9, 1964.
- DEUTSCH, J. A.: Neurophysiological contrast phenomena and figural after-effects. *Psychological Review*, 71:19-26, 1964.
- DEUTSCH, J. A., ADAMS, D. W., and MBTZNER, R. J.: Choice of intracranial stimulation as a function of delay between stimulations and strength of competing drive. *Journal of Comparative and Physiological Psychology*, 57:241-243, 1964.
- DEUTSCH, J. A., and BLUMEN, H. G.: Counter-injection: A new technique for the analysis of drinking. *Nature*, 196:196-197, 1962.
- DEUTSCH, J. A., and DEUTSCH, D.: Attention: Some theoretical considerations. *Psychological Review*, 70:80-90, 1963.
- DEUTSCH, J. A., and HOWARTH, C. I.: Evocation by fear of a habit learned for electrical stimulation of the brain. *Science*, 136:1057-1058, 1962.
- DEUTSCH, J. A., and HOWARTH, C. I.: Some tests of a theory of intracranial self-stimulation. *Psychological Review*, 70:444-470, 1963.

- DEUTSCH, J. A., HOWARTH, C. I., BALL, G. C., and DEUTSCH, D.: Threshold differentiation of drive and reward in the Olds effect. *Nature*, 196:669-700, 1962.
- ELLISTEL, C. R.: Electrical self-stimulation and its theoretical implications. *Psychological Bulletin*, 61:23-34, 1964.
- HOWARTH, C. E., and DEUTSCH, J. A.: Drive decay: The cause of fast "extinction" of habits learned for brain stimulation. *Science*, 137:35-36, 1962.
- H-4567 (R01) YUWILER, ARTHUR: Biochemical tests for schizophrenia. University of Michigan, Ann Arbor, Mich. (1961-62) (Continued as MH-7293).
- WILDER, ARTHUR: Urinary aminochromes and mental illness. *Journal of Nervous and Mental Disease*, 135(4):365-369, 1962. (Also acknowledges MH-1972).
- WILDER, ARTHUR: Psychopathology and 5-hydroxy-indoleacetic acid excretion. *Journal of Psychiatric Research*, 3(2):125-131, 1965. (Also acknowledges MH-1972 and MH-7293).
- WILDER, ARTHUR, and GOOD, MARY H.: Chromatographic study of "Reigelhaupt" chromogens in urine. *Journal of Psychiatric Research*, 1:215-227, 1962. (Also acknowledges MH-1972).
- H-4571 (R01) JAFFE, JOSEPH, and FELDSTEIN, STANLEY: Psycholinguistic analysis of psychotherapy. William Alanson White Institute, New York, N.Y. (1961- )
- BRENNER, MARCIA S., FELDSTEIN, STANLEY, and JAFFE, JOSEPH: The contribution of statistical uncertainty and test anxiety to speech disruption. *Journal of Verbal Learning and Verbal Behavior*, 4(4):300-305, 1965. (Also acknowledges MH-4548).
- CASSOTTA, L., FELDSTEIN, S., and JAFFE, J.: AVTA: A device for automatic vocal transaction analysis. *Journal of the Experimental Analysis of Behavior*, 9:99-104, 1964. (Also acknowledges MH-4548).
- FELDSTEIN, S.: Vocal patterning of emotional expression. In: Masserman, E. H., ed. *Science and Psychoanalysis*. Vol. 7. New York, Grune & Stratton, 1964, p. 193-210. (Jaffe, J. Discussion of above cited paper. p. 208-210.)
- FELDSTEIN, STANLEY, BRENNER, MARCIA S., and JAFFE, JOSEPH: The effect of subject sex, verbal interaction and topical focus on speech disruption. *Language and Speech*, 6:229-239, 1963. (Also acknowledges MH-4548).
- FELDSTEIN, S., and JAFFE, J.: A note about speech disturbances and vocabulary diversity. *Journal of Communication*, 12:166-170, 1962.
- FELDSTEIN, S., and JAFFE, J.: The relationship of speech disruption to the experience of anger. *Journal of Consulting Psychology*, 26:505-509, 1962.
- FELDSTEIN, S., and JAFFE, J.: Vocabulary diversity of schizophrenics and normals. *Journal of Speech and Hearing Research*, 5:76-78, 1962.
- FELDSTEIN, S., and JAFFE, J.: An IBM 650 program written in S.O.A.P. for the computation of speech disturbances per time, speaker and group. (Abstract) *Behavioral Science*, 8:86-87, 1963.
- FELDSTEIN, S., and JAFFE, J.: Language predictability as a function of psychotherapeutic interaction. *Journal of Consulting Psychology*, 27:123-126, 1963. (Also acknowledges MH-4548).
- FELDSTEIN, STANLEY, and JAFFE, JOSEPH: Schizophrenic speech fluency: A partial replication and an hypothesis. *Psychological Reports*, 13:775-780, 1963. (Also acknowledges MH-4548).
- FELDSTEIN, S., JAFFE, J., and CASSOTTA, L.: Psychodiagnostic implications of automated speech analysis. In: Enslein, K., ed. *Proceedings of the Conference on Data Acquisition and Processing in Biology and Medicine*. New York, Pergamon, 1962, p. 243-251. (Also acknowledges MH-4548).
- JAFFE, J.: Electronic computers in psychoanalytic research. In: Masserman, E. H., ed. *Science and psychoanalysis*. Vol. 6. New York, Grune & Stratton, 1963, p. 160-172. (Also acknowledges MH-4548).
- JAFFE, JOSEPH: Verbal behavior analysis in psychiatric interviews with the aid of digital computers. In: Rioch, David McK., and Weinstein, Edwin A., eds. *Disorders of communication*. Vol. 42. Baltimore, Williams & Wilkins, 1964, p. 389-399. (Also acknowledges MH-4548 and MH-5120).
- JAFFE, J., CASSOTTA, L., and FELDSTEIN, S.: A Markovian model of time patterns of speech. *Science*, 144:884-886, 1964.
- JAFFE, J., FELDSTEIN, S., and CASSOTTA, L.: Simultaneous computation of lexical and extralinguistic information measures in dialogue. (Abstract) *MT*, 7(2):37, August, 1963.
- ROZAN, GERALD H., JAFFE, JOSEPH, and FELDSTEIN, STANLEY: Rating the potential for psychiatric nursing. *Mental Hygiene*, 49(4):604-607, 1965. (Also acknowledges MH-4548).
- WEINSTEIN, ROBERT S., FELDSTEIN, STANLEY, and JAFFE, JOSEPH: The interaction of vocal context and lexical predictability. *Language and Speech*, 8(Part 1):56-66, 1965.

- MH-4578 (R01) RAGLAND, JAMES B., and KINROSS-WRIGHT, JOHN: Metabolism of phenothiazines. Baylor University, Houston, Texas. (1961-65)
- KINROSS-WRIGHT, J. V., and RAGLAND, JAMES B.: Clinical pharmacology of some newer phenothiazine analogues. Proceedings of the 3rd World Congress of Psychiatry. Vol. 2. Montreal, University of Toronto Press/McGill University Press, 1961, p. 901-905.
- RAGLAND, JAMES B., and KINROSS-WRIGHT, V. JOHN: Spectrofluorometric measurement of phenothiazines. *Analytical Chemistry*, 36(7):1356-1359, 1964.
- MH-4582 (R01) CRAIG, JOHN C.: Synthesis of compounds related to lysergic acid. University of California, San Francisco, Calif. (1961- )
- CRAIG, J. CYMERMAN: Structure of metabolites of phenothiazine. *Psychopharmacology Service Center Bulletin*, 2(5):44-46, 1962.
- CRAIG, J. CYMERMAN, GREEN, D. E., ROY, S. K., PIETTE, L. H., and LOEFFLER, KAY O.: Nuclear magnetic resonance spectra of phenothiazines. Chemical shift data. *Journal of Medicinal Chemistry*, 8(3):392-395, 1965.
- CRAIG, J. CYMERMAN, MARY, NORI Y., GOLDMAN, NORMAN L., and WOLF, LYNN: Tertiary amine oxide rearrangements. III. The mechanism of the demethylation of nicotine. *Journal of the American Chemical Society*, 86:3866-3869, 1964.
- CRAIG, J. CYMERMAN, MARY, NOURI Y., and ROY, S. K.: Application of gas chromatography to the detection of tertiary amine oxides. *Analytical Chemistry*, 36:1142-1143, 1964.
- CRAIG, J. CYMERMAN, MARY NOURI, and WOLF, L.: Demethylation products of nicotine: A unified hypothesis. In: Abstracts of Communications, 2nd International Symposium on the Chemistry of Natural Products, Prague, 1962, p. 79.
- CRAIG, J. CYMERMAN, MARY NOUR Y., and WOLF, LYNN: Tertiary amine oxide rearrangements. II. N-benzyl-dimethylamine oxides as models for the demethylation of nicotine. *Journal of Organic Chemistry*, 29:2868-2870, 1964.
- CRAIG, J. CYMERMAN, and MOYLE, M.: The synthesis of acetylenes from enol phosphates. In: Proceedings of the Chemical Society, London, April, 1962, p. 149.
- CRAIG, J. CYMERMAN, and MOYLE, M.: The reaction of sodamide with  $\alpha$ -acetylenic acids and their derivatives. In: Proceedings of the Chemical Society, London, 1962, p. 283-284.
- MH-4586 (R01) FRIEND, DALE G., GREENBLATT, MILTON, SACHAR, EDWARD J., and SNELL, JOHN E.: Clinical metabolic study of depressive illness. Massachusetts Mental Health Center, Boston, Mass. (1961- )
- FRIEND, DALE G., BELL, WILLIAM R., and KLINE, NATHAN S.: The action of L-dihydroxyphenylalanine in patients receiving nialamide. *Clinical Pharmacology and Therapeutics*, 6(3):362-366, 1965.
- KLERMAN, GERALD L., SCHILDKRAUT, JOSEPH H., HASENBUSH, L., GREENBLATT, MILTON, and FRIEND, D. G.: Clinical experience with dihydroxyphenylalanine (DOPA) in depression. *Journal of Psychiatric Research*, 1:289-297, 1963.
- SCHILDKRAUT, J. J., KLERMAN, G. L., FRIEND, D. G., and GREENBLATT, M.: Biochemical and pressor effects of oral D, L-dihydroxyphenylalanine in patients pretreated with anti-depressant drugs. *New York Academy of Sciences*, 107:1005-1015, 1963.
- SCHILDKRAUT, J. J., KLERMAN, G. L., HAMMOND, R., and FRIEND, D. G.: Excretion of o-methoxy-4-hydroxymandelic acid (VMA) in depressed patients treated with antidepressant drugs. *Journal of Psychiatric Research*, 2(4):257-266, 1964.
- MH-4587 (R01) BORGES, WAYNE H., and WALD, NIEL: Cytogenetic study of mongoloids and their parents. University of Pittsburgh, Pittsburgh, Pa. (1961-64)
- BORGES, W. H., WALD, N., and HOFFMAN, ELEANOR: Inherited cytogenetic mosaicism in man. (Abstract) *Journal of Pediatrics*, 65:103, 1964.
- KAPLAN, S., LT., C. C., WALD N., and BORGES, W.: ABO frequencies in mongols. *Annals of Human Genetics*, 27:405-412, 1964.
- MH-4588 (R01) MAYNARD, LAURENCE S., KISSIN, BENJAMIN, and SCHENKER, VICTOR J.: Effect of ethanol on neurohumoral amines. State University of New York—Downstate Medical Center, Brooklyn, N.Y. (1961- )
- MAYNARD, L. S., and SCHENKER, V. J.: Monamine oxidase inhibition by ethanol "in vitro." *Nature*, 196:575-576, 1962.
- MAYNARD, L. S.: SCHENKER, V. J.: Decarboxylase activity "in vivo." Effect of morphine and ethanol pre-treatment in mice. *International Journal of Neurology and Pharmacology*, 2:303-307, 1964.
- MH-4589 (R01) MAY, PHILIP R. A., SHELDON, ELEANOR B., and TUMA, A. H.: Follow-up study of treatment of schizophrenia. Camarillo State Hospital, Camarillo, Calif. (1961- )
- McKEEVER, W. F., MAY, P. R. A., and TUMA, A. H.: Prognosis in schizophrenia: Prediction of

- length of hospitalization from psychological test variables. *Journal of Clinical Psychology*, 21(2): 214-221, 1965. (Also acknowledges MH-2719).
- AY, P. R. A., and TUMA, A. H.: The effect of psychotherapy and Stelazine on length of hospital stay, release rate and supplemental treatment of schizophrenic patients. *Journal of Nervous and Mental Disease*, 139:362-369, 1964. (Also acknowledges MH-2719).
- AY, PHILIP R. A., and TUMA, A. HUSSAIN: Treatment of schizophrenia. *British Journal of Psychiatry*, 3(475):503-510, 1965. (Also acknowledges MH-2719).
- AY, PHILIP R. A., TUMA, A. HUSSAIN, DISTLER, LUTHER S., and MCKEEVER, WALTER F.: Selections of treatment for schizophrenic patients: Methodological problems of outcome and prognosis research. *Psychiatric Quarterly*, 40(2):236-247, 1966. (Also acknowledges MH-2719).
- AY, PHILIP R. A., TUMA, A. HUSSAIN, and KRAUDE, WESLEY: Community follow-up of treatment of schizophrenia: Issues and problems. *American Journal of Orthopsychiatry*, 35(4):754-763, 1965. (Also acknowledges MH-2719).
- I-4591 (R01) ROBINS, ELI, and MOORE, BLAKE W.: Brain biochemistry in manic depressive disease. Washington University, St. Louis, Mo. (1961- )
- CAMAN, MARILYN W., and ROBINS, ELI: Fluorimetric method for the determination of phenylalanine in serum. *Journal of Laboratory and Clinical Medicine*, 59(5):885-890, 1962. (Also acknowledges MH-2254).
- TS, FERRIS N., and QUICK, COLLEEN: Brain succinate simialdehyde dehydrogenase-I. *Journal of Neurochemistry*, 12(9/10):893-900, 1965.
- TS, F. N., JR., QUICK, C., and ROBINS, E.: The enzymic measurement of  $\gamma$ -Aminobutyric-a-Oxoglutaric transaminase. *Journal of Neurochemistry*, 2(2):93-101, 1965.
- I-4592 (R01) RETZLAFF, ERNEST W., and PASAMANICK, BENJAMIN: Functional morphology in the aging nervous system. Columbus Psychiatric Institute and Hospital, Columbus, Ohio. (1961-63)
- RETZLAFF, E., FONTAINE, J., PASAMANICK, B., and LEAKE, D.: Structural and functional changes in reciprocal innervation produced by localized tetanus in the albino rat. *Federation Proceedings*, 22(2):714, 1963. (Also acknowledges MH-2719).
- RETZLAFF, E., FONTAINE, J., PASAMANICK, B., and LEAKE, D.: Effects of heavy exercise on the life span of the albino rat. *Gerontologist*, 3:12, 1963.
- RETZLAFF, E., FONTAINE, J., PASAMANICK, B., and LEAKE, C. D.: Effects of age and exercise on differential staining reaction of spinal motor neurons. (Abstract 121). In: Sixth International Congress of Gerontology, August 11-16, 1963, Excerpta Medica, International Congress Series, No. 57, 1964.
- MH-4595 (R03) GLICKMAN, STEPHEN E.: Behavioral effects of discrete reticular lesions. Northwestern University, Evanston, Ill. (1960-61)
- GLICKMAN, S. E., SROGES, R. W., and HUNT, J.: Brain lesions and locomotor exploration in the albino rat. *Journal of Comparative and Physiological Psychology*, 58(1):93-100, 1964.
- MH-4598 (R01) GING, NELSON S., FUJITA, SHIGOO, and GING, ROSALIE J.: Isolation of toxic substances in schizophrenic urine. University of Michigan, Ann Arbor, Mich. (1961-63)
- FUJITA, SHIGOO, and GING, NELSON S.: Presence of toxic factors in urine from schizophrenic subjects. *Science*, 134(3491):1687-1688, 1961. (Also acknowledges MH-4366, MH-1972 and MH-1971).
- MH-4605 (R01) RICHMOND, JULIUS B., LIPTON, EARLE L., and STEINSCHNEIDER, ALFRED: Autonomic nervous system function in early life. State University of New York—Upstate Medical Center, Syracuse, N.Y. (1961- )
- CALDWELL, BETTYE, HERSHER, LEONARD, LIPTON, EARLE, RICHMOND, JULIUS, STERN, GEORGE, EDDY, EVELYN, DRACHMAN, ROBERT, and ROTHMAN, ALBERT: Mother-infant interaction in mono-matric and polymatric families. *American Journal of Orthopsychiatry*, 33:653-664, 1963.
- LIPTON, EARLE L., HOLLOWELL, JOSEPH, COX, PATRICK J. N., VOORHESS, MARY L., STEINSCHNEIDER, ALFRED, and GARDNER, LYTTE I.: Temperature effects of therapy in congenital hypothyroidism. *Journal of Pediatrics*, 65(5):740-744, 1964.
- LIPTON, EARLE L., and STEINSCHNEIDER, ALFRED: Studies on the psychophysiology of infancy. *Merrell-Palmer Quarterly*, 103-117, April-May 1964.
- LIPTON, EARLE L., STEINSCHNEIDER, ALFRED, and RICHMOND, JULIUS B.: Autonomic function in the neonate. II: Physiologic effects of motor restraint. *Psychosomatic Medicine*, 22(1):57-65, 1960.
- LIPTON, EARLE L., STEINSCHNEIDER, ALFRED, and RICHMOND, JULIUS B.: Autonomic function in the neonate: VIII. Cardio-pulmonary observations. *Pediatrics*, 33:212-215, 1964.
- LIPTON, EARLE L., STEINSCHNEIDER, ALFRED, and RICHMOND, JULIUS B.: The autonomic nervous

- system in early life. *New England Journal of Medicine*, 273(3):147-153, 1965.
- LIPTON, EARLE L., STEINSCHNEIDER, ALFRED, and RICHMOND, JULIUS B.: The autonomic nervous system in early life. (Concluded). *New England Journal of Medicine*, 273(4):201-208, 1965.
- LIPTON, EARLE L., STEINSCHNEIDER, ALFRED, and RICHMOND, JULIUS B.: Swaddling, a child care practice: Historical, cultural and experimental observations. *Pediatrics*, 35(3)Part 2:521-567, 1965.
- LIPTON, EARLE L., STEINSCHNEIDER, ALFRED, and RICHMOND, JULIUS B.: Autonomic function in the neonate: VII. Maturational changes in cardiac control. *Child Development*, 37(1):1-16, 1966.
- LIPTON, E. L., VOORHESS, M. L., STEINSCHNEIDER, A., HOLLOWELL, J., COX, P. J., and GARDINER, L. I.: Cardiovascular effects of therapy in congenital hypothyroidism. *Journal of Pediatrics*, 66(1):79-89, 1965.
- LIPTON, EARLE L., WALSH, LEO P., MUELLER, WILLIAM J., and SALAMY, BEVERLY A.: A respiratory alarm for infants. *Journal of Pediatrics*, 65:294-296, 1964.
- RICHMOND, JULIUS B.: Observations of infant development: Clinical and psychological aspects. *Merrill-Palmer Quarterly*, 95-101, April-May 1964.
- RICHMOND, JULIUS B., LIPTON, EARLE L., and STEINSCHNEIDER, ALFRED: Observations on differences in autonomic nervous system function between and within individuals during early infancy. *Journal of the American Academy of Child Psychiatry*, 1(1):83-91, 1962.
- STEINSCHNEIDER, ALFRED, and LIPTON, EARLE L.: Individual differences in autonomic responsivity. Problems of measurement. *Psychosomatic Medicine*, 27(5):446-456, 1965.
- STEINSCHNEIDER, A., LIPTON, E. L., and RICHMOND, J. B.: Autonomic function in the neonate: VI. Discriminability, consistency, and slope as measures of an individual's cardiac responsivity. *Journal of Genetic Psychology*, 105:295-310, 1964.
- STEINSCHNEIDER, ALFRED, LIPTON, EARLE L., and RICHMOND, JULIUS B.: Auditory sensitivity in the infant: Effect of intensity on cardiac and motor responsivity. *Child Development*, 37(2):233-252, 1966.
- MH-4609 (R01) BUTLER, JOHN M., DICKEN, CHARLES F., and RICE, LAURA N.: Controlled study of psychotherapy process. University of Chicago, Chicago, Ill. (1961- )
- RICE, L. N.: Therapist's style of participation and case outcome. *Journal of Consulting Psychology*, 29(2):155-160, 1965.
- MH-4610 (R01) WILLNER, ALLEN E., and SCHEERER, MARTIN: Experimental analysis of analogical reasoning tests. Washburn University, Topeka, Kans. (1961-63)
- WILLNER, A.: An experimental analysis of analogical reasoning. *Psychological Reports*, 15:479-494, 1964.
- WILLNER, ALLEN: Impairment of knowledge of unusual meanings of familiar words in brain damage and schizophrenia. *Journal of Abnormal Psychology*, 70(6):405-411, 1965.
- MH-4618 (R01) FRANK, JEROME D.: Psychotherapy of psychiatric outpatients. Johns Hopkins University, Baltimore, Md. (1961- )
- BATTLE, CAROLYN C., IMBER, STANLEY D., HOEHN-SARIC, RUDOLF, STONE, ANTHONY R., NASH, EARL R., and FRANK, JEROME D.: Target complaints as criteria of improvement. *American Journal of Psychotherapy*, 20(1):184-192, 1966.
- FRANK, JEROME D.: The effects of psychotherapy. *International Journal of Psychiatry*, 1(1):150-152, 1965.
- FRANK, JEROME D., and NASH, EARL H.: Commitment to peace work: A preliminary study of determinants and sustainers of behavior change. *American Journal of Orthopsychiatry*, 35(1):106-119, 1965.
- FRANK, J. D., NASH, E. H., STONE, A. R., and IMBER, S. D.: Immediate and long-term symptomatic course of psychiatric outpatients. *American Journal of Psychiatry*, 120:429-439, 1963.
- HOEHN-SARIC, R., FRANK, J. D., IMBER, S. D., NASH, E. H., STONE, A. R., and BATTLE, C. C.: Systematic preparation of patients for psychotherapy—1. Effects on therapy behavior and outcome. *Journal of Psychiatric Research*, 2(4):267-281, 1964.
- NASH, E. H., FRANK, J. D., IMBER, S. D., and STONE, A. R.: Selected effects of inert medication on psychiatric outpatients. *American Journal of Psychotherapy*, 18(Suppl. 1):33-48, 1964.
- STONE, ANTHONY R., FRANK, JEROME D., HOEHN-SARIC, RUDOLF, IMBER, STANLEY, and NASH, EARL H.: Some situational factors associated with response to psychotherapy. *American Journal of Orthopsychiatry*, 35(4):682-687, 1965.
- STONE, A. R., FRANK, J. D., NASH, E. H., and IMBER, S. D.: An intensive five-year follow-up study of treated psychiatric outpatients. *Journal of Nervous and Mental Disease*, 133:410-422, 1961.

- MH-4625 (R01) HERSHKOWITZ, AARON: Intensive observations of chronic N P patients. Yale University, New Haven, Conn. (1961-62) (Continued as MH-7305).
- HERSHKOWITZ, A.: Naturalistic observations on chronically hospitalized patients: The effects of "strangers". *Journal of Nervous and Mental Diseases*, 135:258-264, 1962. (Also acknowledges MH-7305).
- MH-4644 (R01) AINSWORTH, MARY D.: Infant care and social development in the Ghanda. Johns Hopkins University, Baltimore, Md. (1961-62)
- AINSWORTH, MARY D.: The development of infant-mother interaction among the Ghanda. In: Foss, Brian M., ed. *Determinants of infant behaviour*. Vol. 2. New York, Wiley, 1963, p. 67-112.
- AINSWORTH, MARY D.: Patterns of attachment behavior shown by the infant in interaction with his mother. *Merrill-Palmer Quarterly of Behavior and Development*, 10:51-58, 1964.
- MH-4648 (R01) YOUNG, WILLIAM C.: Subvention of Allen's internal secretions. University of Kansas, Lawrence, Kans. (1961-61)
- YOUNG, WILLIAM C., and CORNER, GEORGE W.: Sex and internal secretion. Vol. 1. 3rd ed. Baltimore, Williams & Wilkins, 1961, 704 p.
- YOUNG, WILLIAM C., and CORNER, GEORGE W.: Sex and internal secretion. Vol. 2. 3rd ed. Baltimore, Williams & Wilkins, 1961, 905 p.
- MH-4652 (R03) DRATMAN, MITCHELL L., and WENAR, CHARLES: Behavioral correlates of a chromosome anomaly. University of Pennsylvania, Philadelphia, Pa. (1960-61)
- MOOREHEAD, P. S., MELLMAN, W. J., and WENAR, C.: A familial chromosome translocation associated with speech and mental retardation. *American Journal of Human Genetics*, 13:32-46, 1961.
- MH-4653 (R01) LEVINGER, GEORGE: Family strength and problem solving. Western Reserve University, Cleveland, Ohio. (1961-63)
- LEVINGER, GEORGE: Review of Blood and Wolfe's *Husbands and Wives*. *Contemporary Psychology*, 6:405-406, 1961.
- LEVINGER, G.: Note on need complementarity in marriage. *Psychological Bulletin*, 61:153-157, 1964.
- LEVINGER, GEORGE: Task and social behavior in marriage. *Sociometry*, 27(4):433-448, 1964.
- LEVINGER, GEORGE: Complementarity in marital adjustment: Rejoinder. *Journal of Individual Psychology*, 21:147-148, 1965.
- LEVINGER, G.: Marital cohesiveness and dissolution: An integrative review. *Journal of Marriage and the Family*, 27(1):19-28, 1965.
- LEVINGER, G.: Altruism in marriage: A test of the Buerkle-Badgley battery. *Journal of Marriage and the Family*, 27(1):32-33, 1965.
- LEVINGER, GEORGE, and SONNHEIM, MAURICE: Complementarity in marital adjustment: Reconsidering Toman's family constellation hypothesis. *Journal of Individual Psychology*, 21:137-145, 1965.
- WOLKON, G. H., and LEVINGER, G.: Birth order and need for achievement. *Psychological Reports*, 16:73-74, 1965.
- MH-4660 (R01) POSER, CHARLES M.: Amino acid studies in mentally retarded patients. University of Kansas Medical Center, Kansas City, Kans. (1961-63)
- POSER, CHARLES M., and BUNCH, LEITHA: Amino-aciduria in familial mental retardation. *Archives of Neurology*, 9:35-46, 1963.
- POSER, CHARLES M., JOHNSON, MARGARET, and BUNCH, LEITHA D.: Familial amyotrophic lateral sclerosis. *Diseases of the Nervous System*, 26(11):697-702, 1965.
- MH-4661 (R10) GROSS, MARTIN, and HITCHMAN, IRENE L.: NIMH-PSC collaborative study of phenothiazines. Springfield State Hospital, Sykesville, Md. (1960- )
- GOLDBERG, SOLOMON C., SCHOOLER, NINA R., DAVIDSON, EDWIN M., and KAYCE, MELVIN M.: Sex and race differences in response to drug treatment among schizophrenics. *Psychopharmacologia (Berlin)*, 9(1):31-47, 1966. (Also acknowledges MH-4663; MH-4667; MH-4673; MH-4674; MH-4675; MH-4679; MH-4803).
- HOGARTY, GERARD E., and GROSS, MARTIN: Preadmission symptom differences between first-admitted schizophrenics in the predrug and postdrug era. *Comprehensive Psychiatry*, 7(2):134-140, 1966. (Also acknowledges MH-3672).
- National Institute of Mental Health, Psychopharmacology Service Center Collaborative Study Group. Phenothiazine treatment in acute schizophrenia. *Archives of General Psychiatry*, 10:246-261, 1964. (Also acknowledges MH-4663; MH-4667; MH-4671; MH-4673; MH-4674; MH-4675; MH-4679; MH-4803; MH-5664).
- MH-4663 (R10) ANDRES, FRANCIS D., MILLER, ALOYSIUS I., LEVY, BERNARD I., RASKIN, ALLEN, STEINBACH, RICHARD A., and SULLIVAN, PAUL D.: NIMH-PSC collaborative study of phenothiazines. Georgetown University, Washington, D.C. (1960- )

- BORUCHOW, JOAN K.: Characteristics of nurses in short- and long-term treatment settings. *Journal of Social Psychology*, 67:61-66, 1965.
- GOLDBERG, SOLOMON C., SCHOOLER, NINA R., DAVIDSON, EDWIN M., and KAYCE, MELVIN H.: Sex and race differences in response to drug treatment among schizophrenics. *Psychopharmacologia* (Berlin), 9(1):31-47, 1966. (Also acknowledges MH-4661; MH-4667; MH-4673; MH-4674; MH-4675; MH-4679; MH-4803).
- National Institute of Mental Health, Psychopharmacology Service Center Collaborative Study Group. Phenothiazine treatment in acute schizophrenia. *Archives of General Psychiatry*, 10:246-261, 1964. (Also acknowledges MH-4661; MH-4667; MH-4671; MH-4673; MH-4674; MH-4675; MH-4679; MH-4803; MH-5664).
- RASKIN, A., and CLYDE, D. J.: Factors of psychopathology in the ward behavior of acute schizophrenics. *Journal of Consulting Psychology*, 27(5):420-425, 1963.
- RASKIN, ALLEN, and GOLOB, RISA: Occurrence of sex and social class differences in premorbid competence symptom and outcome measures in acute schizophrenia. *Psychological Reports*, 18(1):11-22, 1966.
- RASKIN, A., and SULLIVAN, P. D.: The psychiatric department of D.C. General Hospital: A survey of patient characteristics, treatment and disposition. *Medical Annals of the District of Columbia*, 31(8):470-475, 1962.
- RASKIN, A., and SULLIVAN, P. D.: Factors associated with interrater discrepancies on a psychiatric rating scale. *Journal of Consulting Psychology*, 27(6):547, 1963.
- MH-4664 (R01) ALPERT, MURRAY, and FRIEDHOFF, ARNOLD J.: Sound oscillographic patterns in psychopathology. New York University Medical Center, New York, N.Y. (1961- )
- ALPERT, M., KURTZBERG, R. L., and FRIEDHOFF, A. J.: Transient voice changes associated with emotional stimuli. *A. M. A. Archives of General Psychiatry*, 8:362-365, 1963.
- ALPERT, M., KURTZBERG, R. L., PILOT, M., and FRIEDHOFF, A. J.: Spectral characteristics of the voices of twins. *Acta Geneticae Medicae et Gemellologiae*, 12:335-341, 1963.
- FRIEDHOFF, A. J., ALPERT, M., and KURTZBERG, R. L.: An effect of emotion on voice. *Nature*, 193:357-358, 1962. (Also acknowledges MH-2716 and MH-664).
- FRIEDHOFF, A. J., ALPERT, M., and KURTZBERG, R. L.: An electroacoustic analysis of the effects of stress on voice. *Journal of Neuropsychiatry*, 5:266-272, 1964.
- FRIEDHOFF, A. J., ALPERT, M., and KURTZBERG, R. L.: Infra-content channels of vocal communication. In: Rioch, David McK., and Weinstein, Edwin A., eds. *Disorders of communication*. Vol. 42. Research Publication of the Association of Nervous and Mental Disease. Baltimore, Williams & Wilkins, 1964, p. 414-423.
- MH-4665 (R10) FISH, BARBARA, and FRIEDHOFF, ARNOLD J.: Children's psychopharmacology unit. New York University Medical Center, New York, N.Y. (1961- )
- FISH, BARBARA: Pharmacotherapy in children's behavior disorders. *Current Psychiatric Therapies*, 3:82-90, 1963.
- FISH, BARBARA: The influence of maturation and abnormal development on the responses of disturbed children to drugs. In: *Proceedings of the Third World Congress of Psychiatry*, Montreal, University of Toronto/McGill University Press, 1963, 2:1341-1344.
- FISH, B., SHAPIRO, T., HALPERN, F., and WILE, R.: The prediction of schizophrenia in infancy: III. A ten-year follow-up report of neurological and psychological development. *American Journal of Psychiatry*, 121:768-775, 1965.
- FRIEDHOFF, A. J., and VAN WINKLE, E.: 3,4-Dimethoxyphenylethylamine and other amines in the urine of schizophrenic patients. *Nature*, 199:203-204, 1963.
- FRIEDHOFF, ARNOLD J., and VAN WINKLE, ELNORA: Conversion of dopamine to 3,4-dimethoxyphenylacetic acid in schizophrenic patients. *Nature*, 199(4900):1271-1272, 1963.
- SHAPIRO, THEODORE: Hand morphology in some severely impaired schizophrenic children. *American Journal of Psychiatry*, 122(4):432-435, 1965.
- TAKESADA, MASASHI, KAKIMOTO, YASUO, SANO, ISAMU, and KANEKO, ZIRO: 3,4-Dimethoxyphenylethylamine and other amines in the urine of schizophrenic patients. *Nature*, 199(4889):203-204, 1963.
- MH-4667 (R10) SMITH, KATHLEEN, SURPHLIS, WILLIAM R. P., and ULETT, GEORGE A.: NIMH-PSC collaborative study of phenothiazines. Washington University, St. Louis, Mo. (1960-64)
- GOLDBERG, SOLOMON C., SCHOOLER, NINA R., DAVIDSON, EDWIN M., and KAYCE, MELVIN M.: Sex and race differences in response to drug treatment among schizophrenics. *Psychopharmacologia* (Berlin), 9(1):31-47, 1966. (Also acknowledges MH-4803; MH-4679; MH-4675; MH-4674; MH-4673; MH-4663 and MH-4661).
- GYNTHNER, MALCOLM D., and SHIMKUNAS, ALGIMANTAS M.: More data on MMPI F>16 scores.



- Journal of Clinical Psychology*, 21(3):275-277, 1965.
- National Institute of Mental Health. Psychopharmacology Service Center Collaborative Study Group. Phenothiazine treatment in acute schizophrenia. *Archives of General Psychiatry*, 10: 246-261, 1964. (Also acknowledges MH-4661; MH-4663; MH-4671; MH-4673; MH-4674; MH-4675; MH-4679; MH-4803 and MH-5664).
- HEMKUNAS, ALGIMANTAS M., GYNTHIER, MALCOLM D., and SMITH, KATHLEEN: Abstracting ability of schizophrenics before and during phenothiazine therapy. *Archives of General Psychiatry*, 14 (1):79-83, 1966.
- MALL, I. F., MESSINA, J. A., and SMALL, J. G.: The meaning of hospitalization: A comparison of attitudes of medical and psychiatric patients. *Journal of Nervous and Mental Disease*, 139:575-580, 1964.
- MALL, JOYCE G., and SMALL, IVER F.: Re-evaluation of clinical EEG findings in schizophrenia. *Diseases of the Nervous System*, 26(6):345-349, 1965.
- MALL, IVER F., SMALL, JOYCE G., and ANDERSEN, JOHN M.: Clinical characteristics of hallucinations of schizophrenia. *Diseases of the Nervous System*, 27(5):349-353, 1966.
- MALL, I. F., SMALL, J. G., and GONZALEZ, R.: The clinical correlates of attitudinal change during psychiatric treatment. *American Journal of Psychotherapy*, 19:66-74, 1965.
- MALL, IVER F., SMALL, JOYCE G., GONZALEZ, RAMON C., and GYNTHIER, MALCOLM D.: Content reliability of a structured psychiatric interview. *Archives of General Psychiatry*, 11:192-196, 1964.
- MALL, JOYCE G., SMALL, IVER F., and GONZALEZ, RAMON: The contribution of the informant in psychiatric evaluation. *International Journal of Neuropsychiatry*, 1(5):446-451, 1965.
- MALL, J. G., SMALL, I. F., and SURPHIS, W. R. P.: Temporal EEG abnormalities in acute schizophrenia. *American Journal of Psychiatry*, 121: 262-263, 1964.
- SMITH, K., PUMPHREY, M. W., and HALL, J. C.: The "last straw": The decisive incident resulting in the request for hospitalization in 100 schizophrenic patients. *American Journal of Psychiatry*, 120:228-233, 1963.
- SMITH, J. A., SURPHIS, W., and KOFF, E.: Electrodermal responsiveness as related to psychiatric diagnosis and prognosis. *Psychophysiology*, 2(1): 51-61, 1965. (Also acknowledges MH-2755).
- MH-4669 (R10) GERSHON, SAMUEL, and FRIEDHOFF, ARNOLD J.: Controlled drug evaluations. New York University Medical Center, New York, N.Y. (1961- )
- FRIEDHOFF, A. J., and HEKIMIAN, L.: A pilot study of Win #18501. *Diseases of the Nervous System*, 24(4):241-242, 1963.
- FRIEDHOFF, A. J., HEKIMIAN, L., and TOBACH, E.: Dihydroxyphenylalanine in extrapyramidal disease. *Journal of the American Medical Association*, 184 (4):285-286, 1963.
- GLICK, B. S.: Double-blind study of tranlycypromine and phenelzine in depression. *Disease of the Nervous System*, 25:617-619, 1964.
- GLICK, BURTON S.: Dropout in an outpatient, double-blind drug study. *Psychosomatics*, 6:44-48, 1965.
- HEKIMIAN, LEON J., and FRIEDHOFF, ARNOLD J.: Action of large doses of desmethylimipramine on psychotic patients. *Journal of New Drugs*, 3:367-374, 1964.
- HEKIMIAN, LEON J., and FRIEDHOFF, ARNOLD J.: Pilot study of intramuscular haloanisone and haloperidol in disturbed psychotics. *Journal of New Drugs*, 4(5):264-267, 1964.
- HEKIMIAN, LEON J., FRIEDHOFF, ARNOLD J., and ALPERT, MURRAY: Treatment of acute brain syndrome from alcohol with nicotinamide adenine dinucleotide and methaminodiazepoxide. *Quarterly Journal of Studies on Alcohol*, 27(2):214-220, 1966.
- HEKIMIAN, L., FRIEDHOFF, A. J., and HANDLEY, P.: A preliminary trial of R-2028 (Haloanisone) (4 fluoro (1-/4-(2 methoxy) phenyl)piperazinyl) butyrophene orthophosphate. *Current Therapeutic Research*, 5:437-443, 1960.
- LYNN, FRANCES H., and FRIEDHOFF, ARNOLD J.: The patient on a tranquilizing regimen. *American Journal of Nursing*, 60(2):234-240, 1960.
- MH-4670 (R01) KAUFMAN, I. CHARLES: Reactions to separation in the rhesus. State University of New York—Downstate Medical Center, Brooklyn, N.Y. (1961- )
- ROSENBLUM, L. A., CLARK, R. W., and KAUFMAN, I. C.: Diurnal variations in mother-infant separation and sleep in two species of macaque. *Journal of Comparative and Physiological Psychology*, 58 (2):330-332, 1964.
- ROSENBLUM, L. A., KAUFMAN, I. C., and STYNES, A. J.: Individual distance in two species of macaque. *Animal Behaviour*, 12:338-342, 1964.
- ROSENBLUM, LEONARD A., WITKIN, HERMAN A., KAUFMAN, I. CHARLES, and BROSGOLE, LEONARD: Perceptual disembedding in monkeys: Note on method and preliminary findings. *Perceptual and*

- Motor Skills*, 20(3):Part I:729-736, 1965. (Also acknowledges MH-628).
- MH-4671 (R10) FLACH, FREDERICK F., and CELIAN, CHARLES I.: PSC-NIMH collaborative study of phenothiazines. Cornell University, New York, N.Y. (1960-63)
- National Institute of Mental Health. Psychopharmacology Service Center Collaborative Study Group. Phenothiazine treatment in acute schizophrenia. *Archives of General Psychiatry*, 10:246-261, 1964. (Also acknowledges MH-4661; MH-4663; MH-4667; MH-4673; MH-4674; MH-4675; MH-4679; MH-4803 and MH-5664).
- MH-4673 (R10) DAVIDSON, EDWIN M., and KAYCE, MELVIN M.: NIMH-PSC collaborative study of phenothiazines. Boston University, Boston, Mass. (1960-64)
- GOLDBERG, SOLOMON C., SCHOOLER, NINA R., DAVIDSON, EDWIN M., and KAYCE, MELVIN M.: Sex and race differences in response to drug treatment among schizophrenics. *Psychopharmacologia* (Berlin), 9(1):31-47, 1966. (Also acknowledges MH-4661; MH-4663; MH-4667; MH-4674; MH-4675; MH-4679 and MH-4803).
- National Institute of Mental Health. Psychopharmacology Service Center Collaborative Study Group. Phenothiazine treatment in acute schizophrenia. *Archives of General Psychiatry*, 10:246-261, 1964. (Also acknowledges MH-4661; MH-4663; MH-4667; MH-4671; MH-4673; MH-4674; MH-4679; MH-4803 and MH-5664).
- SCHREIER, ARTHUR J., and LOZITO, DELORBS: Integrating clinical research with treatment. *Mental Hospitals*, 14(11):573-577, 1963.
- SCHREIER, ARTHUR J., REZNIKOFF, MARVIN, and GLUECK, BERNARD C., JR.: Controlled clinical evaluation of acute schizophrenia: A comparative study of rating instruments and judges. *Comprehensive Psychiatry*, 3(6):343-353, 1962.
- MH-4679 (R10) EWING, JAMES H., DOWNING, ROBERT W., and MORRIS, HAROLD H.: NIMH-PSC collaborative study of phenothiazines. University of Pennsylvania, Philadelphia, Pa. (1960-64)
- AUERBACH, ARTHUR H., and EWING, JAMES H.: Some limitations of psychiatric rating scales: The Clinician's viewpoint. *Comprehensive Psychiatry*, 5(2):93-100, 1964.
- DOWNING, ROBERT W., COMER, NATHAN L., and EBERT, JOHN N.: Family dynamics in a case of Gilles de la Tourette's syndrome. *Journal of Nervous and Mental Disease*, 138(6):548-557, 1964.
- DOWNING, ROBERT W., EBERT, JOHN N., and SHUBROOKS, S. J.: Effect of phenothiazines on the thinking of acute schizophrenics. *Perceptual and Motor Skills*, 17:511-520, 1963. (Also acknowledges MH-5809).
- DOWNING, R. W., SHUBROOKS, SAMUEL J., and EBERT, JOHN N.: Intrusion of associative distractors into conceptual performance by acute schizophrenics: Role of associative strength. *Perceptual and Motor Skills*, 22(2):460-462, 1966. (Also acknowledges MH-5809).
- GOLDBERG, SOLOMON C., SCHOOLER, NINA R., DAVIDSON, EDWIN M., and KAYCE, MELVIN M.: Sex and race differences in response to drug treatment among schizophrenics. *Psychopharmacologia* (Berlin), 9(1):31-47, 1966. (Also acknowledges MH-4661; MH-4663; MH-4667; MH-4671; MH-4673; MH-4675; MH-4679; MH-4803 and MH-5664).

- edges MH-4661; MH-4663; MH-4667; MH-4673; MH-4674; MH-4675; MH-4803).
- GOODMAN, J., DOWNING, R., and RICKELS, K.: Temporal change in handwriting expansiveness in depressed and schizophrenic patients. *Journal of Nervous and Mental Disease*, 139:53-61, 1964. (Also acknowledges MH-2934).
- NATIONAL INSTITUTE OF MENTAL HEALTH: Psychopharmacology Service Center Collaborative Study Group. Phenothiazine treatment in acute schizophrenia. *Archives of General Psychiatry*, 10:246-261, 1964. (Also acknowledges MH-4661; MH-4663; MH-4667; MH-4671; MH-4673; MH-4674; MH-4675; MH-4803 and MH-5664).
- H-4681 (R01) WENDT, GEORGE R.: Effects of drugs on emotional and motivational states. University of Rochester, Rochester, N.Y. (1961-63)
- WENDT, G. R.: Man and motion. In: Dill, D. B., ed. *Handbook of physiology: Adaptation to the environment*. Washington, D.C., American Physiological Society, 1964, p. 999-1005.
- H-4682 (R01) ABBELSON, ROBERT P.: Cognitive mechanisms under belief dilemma. Yale University, New Haven, Conn. (1961- )
- ABELSON, R. P.: Computer simulation of "hot" cognition. In: Tomkins, S., and Messick, S., eds. *Computer simulation of personality*. New York, Wiley, 1963, p. 277-298.
- YAO, SUMIKO: Internal versus external criticism of group standards. *Sociometry*, 26:410-421, 1963.
- H-4684 (R01) MALTZMAN, IRVING: Nonverbal responses of schizophrenics. University of California, Los Angeles, Calif. (1961- )
- MALTZMAN, IRVING, and RASKIN, DAVID C.: Effects of individual differences in the orienting reflex on conditioning and complex processes. *Journal of Experimental Research in Personality*, 1(1):1-16, 1965.
- H-4685 (R01) TOMKINS, SILVAN S.: Measurement of affect by responses to human face. Philadelphia Psychiatric Hospital, Philadelphia, Pa. (1961- )
- TOMKINS, SILVAN S., and MCCARTER, ROBERT: What and where are the primary affects? Some evidence for a theory. *Perceptual and Motor Skills*, 18:119-158, 1964. (Monograph Suppl. No. 1).
- H-4686 (R01) SCHWARTZBAUM, JEROME S.: Role of the limbic system in sensory discrimination. University of Wisconsin, Madison, Wisc. (1961-64)
- HOLDSTOCK, T. L., and SCHWARTZBAUM, J. S.: Classical conditioning of heart rate and galvanic skin response in the rat. *Psychophysiology*, 2(1): 25-38, 1965.
- KELLCUTT, M. H., and SCHWARTZBAUM, J. S.: Formation of a conditioned emotional response (CER) following lesions of the amygdaloid complex in rats. *Psychological Reports*, 12:351-358, 1963.
- PUBOLS, LILLIAN M.: Changes in food-motivated behavior of rats as a function of septal and amygdaloid lesions. *Experimental Neurology*, 15(2): 240-254, 1966.
- SCHWARTZBAUM, J. S.: Visually reinforced behavior following ablation of the amygdaloid complex in monkeys. *Journal of Comparative and Physiological Psychology*, 57(3):340-347, 1964.
- SCHWARTZBAUM, J. S.: Discrimination behavior after amygdectomy in monkeys: Visual and somesthetic learning and perceptual capacity. *Journal of Comparative and Physiological Psychology*, 60(3):314-319, 1965.
- SCHWARTZBAUM, J. S., BOWMAN, R. E., and HOLDSTOCK, L.: Visual exploration in the monkey following ablation of the amygdaloid complex. *Journal of Comparative and Physiological Psychology*, 57(3):453-456, 1964. (Also acknowledges MH-4528).
- SCHWARTZBAUM, J. S., and DONOVICK, P. J.: An artifact in the use of brain stimulation with shock-motivated behavior. *Psychonomic Science*, 2(7): 183-184, 1965.
- SCHWARTZBAUM, J. S., and GAY, PATRICIA E.: Interacting behavioral effects of septal and amygdaloid lesions in the rat. *Journal of Comparative and Physiological Psychology*, 61(1):59-65, 1966.
- SCHWARTZBAUM, J. S., and KELLCUTT, M. H.: Inverted generalization gradients about a nonreinforced stimulus. *Psychological Reports*, 11:791-792, 1962.
- SCHWARTZBAUM, J. S., KELLCUTT, M. H., SPIETH, T. M., and THOMPSON, J. B.: Effects of septal lesions in rats on response inhibition associated with food-reinforced behavior. *Journal of Comparative and Physiological Psychology*, 58:217-224, 1964.
- SCHWARTZBAUM, J. S., and POULOS, DENNIS A.: Discrimination behavior after amygdectomy in monkeys: Learning set and discrimination reversals. *Journal of Comparative and Physiological Psychology*, 60(3):320-328, 1965.
- SCHWARTZBAUM, J. S., and SPIETH, T. M.: Analysis of the response-inhibition concept of septal functions in "passive-avoidance" behavior. *Psychonomic Science*, 1:145-146, 1964.

- amygdala area in rats. *Journal of Comparative and Physiological Psychology*, 57:257-266, 1964.
- THOMPSON, J. B., and SCHWARTZBAUM, J. S.: Discrimination behavior and conditioned suppression (CER) following localized lesions in the amygdala and putamen. *Psychological Reports*, 15:587-606, 1964.
- MH-4690 (R03) EHRENTHEIL, OTTO F.: The influence of aging on preexisting psychoses. Tufts University, Medford, Mass. (1960-61)
- EHRENTHEIL, O. F.: Thought content of mute chronic schizophrenic patients: Interviews after injection of amobarbital sodium (Amytal Sodium) and methamphetamine hydrochloride (Methedrine). *Journal of Nervous and Mental Disease*, 137:187-197, 1963.
- EHRENTHEIL, O. F., and DAVIS, E. T.: Degree of fixation of thought content in relation to withdrawal versus non-withdrawal in hospitalized mental patients observed over 30 years. *Journal of Nervous and Mental Disease*, 135:455-459, 1962.
- EHRENTHEIL, O. F., DAVIS, E. T., CASEY, T. M., and AISENBERG, R. B.: Schizophrenic motor activity observed over thirty years. *Archives of General Psychiatry*, 7:58-68, 1962.
- MH-4692 (R01) BRADLEY, PHILIP B.: A neuropharmacological study of cerebral function. Birmingham University, Birmingham, U.K. (1961-64)
- ANSELL, G. B., CHOJNACKI, T., and METCALF, R. F.: The incorporation of phyophorylpropanolamine and phosphorylethanolamine into the phospholipids of brain dispersions. *Journal of Neurochemistry*, 12(7):649-656, 1965.
- MH-4694 (R01) FISCHER, ROLAND, HAMWI, GEORGE J., and HUNT, WILLIAM E.: Biochemical lesions and psychopathology. Columbus Psychiatric Institute and Hospital, Columbus, Ohio. (1961-61)
- FISCHER, R., and GRIFFIN, F.: Biochemical genetic factors in health and mental retardation. In: *Proceedings of the 3rd World Congress of Psychiatry*. Vol. 1. Montreal, University of Toronto Press/McGill University Press, 1961, p. 542-547.
- FISCHER, R., and GRIFFIN, F.: Quinine dimorphism, a cardinal determinant of taste sensitivity. *Nature*, 200:343-347, 1963.
- FISCHER, R., GRIFFIN, F., and KAPLAN, A. R.: Taste thresholds in mothers of children with Down's syndrome. *Lancet*, 2:992, 1962.
- FISCHER, R., GRIFFIN, F., ENGLAND, S. J. M., and PASAMANICK, B.: Biochemical genetic factors of taste polymorphism and their relation to salivary thyroid metabolism in health and mental retardation. *Medicina Experimentalis*, 4:356-366, 1961. (Also acknowledges MH-2731).
- FISCHER, R., GRIFFIN, F., and KAPLAN, A. R.: Taste thresholds, cigarette smoking, and food dislikes. *Medicina Experimentalis*, 9:151-168, 1963. (Also acknowledges MH-2731).
- FISCHER, R., GRIFFIN, F., and KAPLAN, A. R.: Pharmacogenetic aspects of taste. In: *Proceedings of the 11th International Congress of Genetics*, The Hague, September 1963. Vol. 1. 1963, p. 67.
- FISCHER, R., GRIFFIN, F., and MEAD, E. L.: Two characteristic ranges of taste sensitivity. *Medicina Experimentalis*, 6:177-182, 1962.
- FISCHER, R., KAPLAN, A. R., GRIFFIN, F., and STING, D. W.: Abnormal congregation of insensitive ("non")tasters among parents of children with Down's syndrome. *American Journal of Mental Deficiency*, 67:849-855, 1963.
- RUBIN, T., GRIFFIN, F., and FISCHER, R.: A physicochemical treatment of taste thresholds. *Nature*, 195:362-365, 1962.
- MH-4697 (R01) LYKKEN, DAVID T.: A methodological study of electric shock stimuli. University of Minnesota, Minneapolis, Minn. (1961-62)
- LYKKEN, D. T.: Perception in the rat: Autonomic response to shock as function of length of warning interval. *Science*, 137:665-666, 1962.
- MH-4698 (R01) MURSTEIN, BERNARD I.: The stimulus in thematic perception. Interfaith Counseling Center, Portland, Ore. (1960-62)
- MURSTEIN, B. I.: Assumptions, adaptation-level and projective techniques. *Perceptual and Motor Skills*, 12:107-125, 1961.
- MURSTEIN, B. I.: The relationship of expectancy of reward to achievement performance on an arithmetic and thematic test. *Journal of Consulting Psychology*, 27(5):394-399, 1963.
- MURSTEIN, B. I.: TAT hostility to the Buss Hostility Scale. *Perceptual and Motor Skills*, 16:520, 1963.
- MURSTEIN, B. I.: Theory and research in projective techniques: Emphasizing the TAT. New York, John Wiley, 1963, 385 p.

- MURSTEIN, B. I.: A normative study of TAT ambiguity. *Journal of Projective Techniques*, 28: 210-218, 1964.
- MURSTEIN, B. I.: Projection of hostility on the TAT as a function of stimulus, background, and personality variables. *Journal of Consulting Psychology*, 29(1):43-48, 1965.
- MURSTEIN, BERNARD I.: Scaling of the TAT for achievement. *Journal of Consulting Psychology*, 29(3):286, 1965.
- MURSTEIN, BERNARD I.: Sex difference in TAT ambiguity, hostility, and projection. *Journal of Genetic Psychology*, 108(1):71-80, 1966.
- MURSTEIN, BERNARD I., and EASTER, LAWRENCE V.: The role of achievement motive, anxiety, stimulus, and expectancy, on achievement motivation in arithmetic and thematic tests. *Journal of Projective Techniques and Personality Assessment*, 29(4):491-497, 1965.
- MURSTEIN, B. I., and WIENS, ARTHUR H.: A factor analysis of various hostility measures on a psychiatric population. *Journal of Projective Techniques*, 27:447-451, 1963.
- MURSTEIN, BERNARD I., and WIENS, ARTHUR N.: Diagnostic and actuarial correlates of thematic and questionnaire measures of hostility. *Journal of Projective Techniques and Personality Assessment*, 29(3):341-347, 1965.
- H-4702 (R01) ARMUS, HARVARD L.: Reinforcement schedules and secondary reinforcement. University of Toledo, Toledo, Ohio. (1960-64)
- ARMUS, HARVARD L., CARLSON, KRISTIN R., GUINAN, JAMES F., and CROWELL, RONALD A.: Effect of a secondary reinforcement stimulus on the auditory startle response. *Psychological Reports*, 14:535-540, 1964.
- ARMUS, HARVARD L., DeVVOY, W. EDWIN, EISENBRO, TERRY, and SCHROEDER, STEPHEN R.: Effect of primary reinforcement schedule on secondary reinforcement strength with continuous secondary reinforcement during training. *Psychological Reports*, 11:203-208, 1962.
- ARMUS, HARVARD L., GUINAN, JAMES F., CROWELL, RONALD A., SCHROEDER, STEPHEN R., RUDIG, J. ANTHONY, and COMTOIS, DAVID R.: Secondary reinforcement strength and primary reinforcement schedule. *Journal of Comparative and Physiological Psychology*, 57:313-315, 1964.
- H-4703 (R03) HADDAD, RAEF K., and NOVAL, JOSEPH J.: Test for an abnormal antigen in schizophrenics serum. New Jersey Bureau of Research in Neurology and Psychiatry, Princeton.
- HADDAD, R. K., and RABE, AUSMA: An anaphylactic test for abnormal antigen (s) in schizophrenics' serum. In: Proceedings of the 3rd World Congress of Psychiatry. Vol. 1. Montreal, University of Toronto Press/McGill University Press, 1961, p. 658-661.
- HADDAD, R. K., and RABE, AUSMA: An antigenic abnormality in the serum of chronically ill schizophrenic patients. In: Heath, Robert G., ed. *Serological fractions in schizophrenia*. New York, Harper & Row, 1963, p. 151-157.
- MH-4704 (R01) SAWREY, WILLIAM L.: Psychological factors in production of gastric ulcers. Alameda County State College, Hayward, Calif. (1960-60) (Continued from MH-930).
- SAWREY, WILLIAM L.: Conditioned responses of fear in relationship to ulceration. *Journal of Comparative and Physiological Psychology*, 54(3): 347-348, 1961. (Also acknowledges MH-930).
- SAWRBY, WILLIAM L., and LONG, DAVID H.: Strain and sex differences in ulceration in the rat. *Journal of Comparative and Physiological Psychology*, 55(4):603-605, 1962. (Also acknowledges MH-930).
- MH-4705 (R01) DESIDERATO, OTELO: Effect of anxiety and stress on simple performance. Connecticut College, New London, Conn. (1960-63)
- DESIDERATO, O.: Generalization of conditioned suppression. *Journal of Comparative and Physiological Psychology*, 57:434-437, 1964.
- DESIDERATO, O.: Generalization of acquired fear as a function of CS intensity and number of acquisition trials. *Journal of Experimental Psychology*, 67:41-47, 1964.
- DESIDERATO, O.: Effect of anxiety and stress on reaction time and temporal generalization. *Psychological Reports*, 14:51-58, 1964.
- KINTZ, ROBERT T.: The tape recorder as a programmer. *Journal of the Experimental Analysis of Behavior*, 8(5):294, 1965.
- MH-4706 (R01) WILSON, KELLOGG V.: Two-person mixed motive situations. University of Nebraska, Lincoln, Nebr. (1960-63) (Continued from MH-3291).
- BIXENSTINE, V. E., CHAMBERS, N., and WILSON, K. V.: Effect of asymmetry of payoff on behavior in a two-person non-zero-sum game. *Journal of Conflict Resolution*, 8(2):151-159, 1964. (Also acknowledges M-3291).
- BIXENSTINE, V. E., POTASH, H. M., and WILSON, K. V.: Effects of level of cooperative choice by the other player on choices in a prisoner's dilemma

- Psychology*, 66:308-313, 1963. (Also acknowledges MH-3291).
- BIXENSTINE, V. E., and WILSON, K. V.: Effects of level of cooperative choice by other player on choices in a prisoner's dilemma game. Part II. *Journal of Abnormal and Social Psychology*, 67: 139-147, 1963. (Also acknowledges MH-3291).
- WILSON, K. V., and BIXENSTINE, V. E.: Forms of social control in two-person, two-choice games. *Behavioral Science*, 7:92-102, 1962. (Also acknowledges MH-3291).
- MH-4707 (R03) MEISSNER, WILLIAM W.: Annotated bibliography in religion and psychology. Individual, Woodstock, Md. (1961-61)
- MEISSNER, W. W.: Annotated bibliography in religion and psychology. New York, Academy of Religion and Mental Health, 1961, 235 p.
- MH-4710 (R03) JARRARD, LEONARD E.: Effects of X-irradiation on operant behavior. Washington and Lee University, Lexington, Va. (1961-62)
- JARRARD, L. E.: Effects of X-irradiation on operant behavior in the rat. *Journal of Comparative and Physiological Psychology*, 56:608-611, 1963.
- JARRARD, L. E.: The effects of d-lysergic acid diethylamide on operant conditioning in the rat. *Psychopharmacologia*, 5:39-46, 1963.
- MH-4720 (R01) GOLDSTEIN, MICHAEL J.: Diagnostic and prognostic value of response biases. University of California, Los Angeles, Calif. (1961-64)
- GOLDSTEIN, MICHAEL J., and JONES, ROBERT B.: The relationships among word association test, objective personality test scores and ratings of clinical behavior in psychiatric patients. *Journal of Projective Techniques*, 28:271-279, 1964.
- GOLDSTEIN, M. J., JONES, R. B., and KINDER, M. I.: A method for the experimental analysis of psychological defenses through perception. *Journal of Psychiatric Research*, 2:135-146, 1964.
- MH-4721 (R01) HUNTER, RICHARD A., and MACALPINE, IDA: Anthology of British psychiatry. Individual, London, U.K. (1960-62)
- HUNTER, RICHARD, and MACALPINE, IDA: Three hundred years of psychiatry. 1535-1860. London, Oxford University Press, 1963, 1107 p.
- MH-4724 (R01) GRIFFITHS, WILLIAM J., JR.: Effects of electric shock on the behavior of rats. Montana State University, Missoula, Mont. (1960-62)
- GRIFFITHS, WILLIAM J., JR.: Some behavioral characteristics of rats susceptible to sound induced seizures. *Perceptual and Motor Skills*, 13:283-289, 1961.
- GRIFFITHS, WILLIAM J.: Effect of isolation on treadmill running in the albino rat. *Psychological Reports*, 8:243-250, 1961. (Also acknowledges MH-1481).
- GRIFFITHS, WILLIAM J., JR.: Effect of food and water deprivation on shock tolerance of albino rats. *Psychological Reports*, 11:163-166, 1962.
- GRIFFITHS, WILLIAM J., JR.: Effects of stress on susceptibility of albino rats to sound-induced convulsions. *Psychological Reports*, 11:663-665, 1962.
- GRIFFITHS, WILLIAM J., JR., HERGENHAHN, B. R., and LEAN, J. B.: Methodological note: A device for self-regulation of stimulation in the laboratory rat. *Perceptual and Motor Skills*, 16:153-154, 1963.
- MH-4725 (R03) CHANDLER, KENNETH A.: Psychological study of Alzheimer's disease. Yale University, New Haven, Conn. (1960-62)
- FELDMAN, R. G., CHANDLER, K. A., LEVY, L. L., and GLASER, G. H.: Familial Alzheimer's disease. *Neurology*, 13(10):811-824, 1963.
- MH-4726 (R01) WARREN, JOHN M.: Functions of association cortex in learning. Pennsylvania State University, University Park, Pa. (1960- )
- HAYES, W. N., and WARREN, J. M.: Failure to find spontaneous alternation in chicks. *Journal of Comparative and Physiological Psychology*, 56(3): 575-577, 1963.
- STEWART, CHARLES N., ABPLANALP, PAUL H., and WARREN, J. M.: Unconditioned responses to electrical shock by cats. *Journal of Comparative and Physiological Psychology*, 60(3):449-451, 1965.
- WARREN, J. M.: Additivity of cues in conditional discrimination learning by Rhesus monkeys. *Journal of Comparative and Physiological Psychology*, 58:124-126, 1964.
- WARREN, J. M.: The behavior of carnivores and primates with lesion in the prefrontal cortex. In: Warren, J. M., and Akert, K., eds. *The frontal granular cortex and behavior*. New York, McGraw-Hill, 1964, p. 168-191. (Also acknowledges MH-1364 and MH-3396).
- WARREN, J. M.: The comparative psychology of learning. *Annual Review of Psychology*, 16:95-118, 1965.
- WARREN, J. M.: Primate learning in comparative perspective. In: Schrier, A. M., Harlow, H. F., and Stollnitz, F., eds. *Behavior of nonhuman primates: Modern research trends*. New York, Academic Press, 1965, p. 1-46.

- WARREN, J. M., BECK, CHARLES H.: Visual probability learning by cats. *Journal of Comparative and Physiological Psychology*, 61(2):316-318, 1966.
- WILSON, MARGARET, WARREN, J. M., and ABBOTT, LYNN: Infantile stimulation, activity, and learning by cats. *Child Development*, 36(4):843-853, Dec. 1965.
- H-4729 (R03) CARR, WILLIAM J.: Further investigation of olfactory phenomena. Temple University, Philadelphia, Pa. (1961-61)
- WARR, W. J., and CAUL, W. F.: The effect of castration in rats upon the discrimination of sex odors. *Animal Behavior*, 10:20-27, 1962.
- WARR, W. J., SELBERG, BEVERLY, and PFAFFMANN, C.: The olfactory threshold for estrous female urine in normal and castrated male rats. *Journal of Comparative and Physiological Psychology*, 55:415-417, 1962.
- H-4731 (R10) RICKELS, KARL: NIMH-PSC outpatient study of drug-set interaction. University of Pennsylvania, Philadelphia, Pa. (1960- )
- FISHER, S., COLE, J. O., RICKELS, K., and UHLENHUTH, E. H.: Drug-set interaction: The effect of expectations on drug response in outpatients. *Neuropsychopharmacology*, 3:149-156, 1964. (Also acknowledges MH-4732).
- FISHER, S., LIPMAN, R. S., UHLENHUTH, E. H., RICHELS, K., and PARK, L. C.: Drug effects and initial severity of symptomatology. *Psychopharmacologia*, 7(1):57-60, 1965. (Also acknowledges MH-4732).
- LIPMAN, RONALD S., COLE, JONATHAN O., PARK, LEE C., and RICKELS, KARL: Sensitivity of symptom and nonsymptom-focused criteria of outpatient drug efficacy. *American Journal of Psychiatry*, 122(1):25-27, 1965. (Also acknowledges MH-4732).
- LIPMAN, RONALD S., RICHELS, KARL, UHLENHUTH, EBERHARD H., PARK, LEE C., and FISHER, SEYMOUR: Neurotics who fail to take their drugs. *British Journal of Psychiatry*, 111(480):1043-1049, 1965. (Also acknowledges MH-4732).
- PARK, LEE C., UHLENHUTH, EBERHARD H., LIPMAN, RONALD S., RICKELS, KARL, and FISHER, SEYMOUR: A comparison of doctor and patient improvement ratings in a drug (meprobamate) trial. *British Journal of Psychiatry*, 3(475):535-540, 1965. (Also acknowledges MH-4732).
- RICKELS, KARL: Important and relevant aspects of tranquilizer therapy. *Journal of Neuropsychiatry*, 5(7):442-447, 1964. (Also acknowledges MH-2934).
- RICKELS, KARL: Some comments on non-drug factors in psychiatric drug therapy. *Psychosomatics*, 6:303-309, 1965.
- SNOW, LAURENCE H., and RICKELS, KARL: Use of direct observation in the teaching and learning of psychotherapy. *American Journal of Psychotherapy*, 19(3):487-491, 1965.
- UHLENHUTH, EBERHARD H., PARK, LEE C., LIPMAN, RONALD S., RICKELS, KARL, FISHER, SEYMOUR, and MOCK, JOHN: Dosage deviation and drug effects in drug trials. *Journal of Nervous and Mental Disease*, 141(1):95-99, 1965. (Also acknowledges MH-4732).
- MH-4732 (R10) PARK, LEE C., PANDE, SHASHI K., and UHLENHUTH, EBERHARD H.: NIMH-PSC outpatient study of drug-set interaction. Johns Hopkins University, Baltimore, Md. (1960- )
- FISHER, S., and COLE, J. O., RICKELS, K., and UHLENHUTH, E. H.: Drug-set interaction: The effect of expectations on drug response in outpatients. *Neuropsychopharmacology*, 3:149-156, 1964. (Also acknowledges MH-4731).
- FISHER, S., LIPMAN, R. S., UHLENHUTH, E. H., RICHELS, K., and PARK, L. C.: Drug effects and initial severity of symptomatology. *Psychopharmacologia*, 7(1):57-60, 1965. (Also acknowledges MH-4731).
- LIPMAN, RONALD S., COLE, JONATHAN O., PARK, LEE C., and RICKELS, KARL: Sensitivity of symptom and nonsymptom-focused criteria of outpatient drug efficacy. *American Journal of Psychiatry*, 122(1):25-27, 1965. (Also acknowledges MH-4731).
- LIPMAN, RONALD S., HAMMER, HARVEY M., BERNARDES, JAIRO F., PARK, LEE C., and COLE, JONATHAN O.: Patient report of significant life situation events. *Diseases of the Nervous System*, 26(9):586-591, 1965.
- LIPMAN, RONALD S., RICHELS, KARL, UHLENHUTH, EBERHARD H., PARK, LEE C., and FISHER, SEYMOUR: Neurotics who fail to take their drugs. *British Journal of Psychiatry*, 111(480):1043-1049, 1965. (Also acknowledges MH-4731).
- PARK, L. C., and COVI, L.: Nonblind placebo trial. An exploration of neurotic patients' responses to placebo when its inert content is disclosed. *Archives of General Psychiatry*, 12(4):336-345, 1965.
- PARK, LEE C., and LIPMAN, RONALD S.: A comparison of patient dosage deviation reports with pill counts. *Psychopharmacologica*, 6:299-302, 1964. (Also acknowledges MH-3741).
- PARK, LEE C., UHLENHUTH, EBERHARD H., LIPMAN, RONALD S., RICKELS, KARL, and FISHER, SEYMOUR: A comparison of doctor and patient

- improvement ratings in a drug (meprobamate) trial. *British Journal of Psychiatry*, 3(475):535-540, 1965. (Also acknowledges MH-4731).
- UHLNETH, EBERHARD H., PARK, LEE C., LIPMAN, RONALD S., RICKELS, KARL, FISHER, SEYMOUR, and MOCK, JOHN: Dosage deviation and drug effects in drug trials. *Journal of Nervous and Mental Disease*, 141(1):95-99, 1965. (Also acknowledges MH-4731).
- MH-4734 (R01) McCONNELL, THOMAS R., and SELVIN, H.C.: Student culture and intellectual development. University of California, Berkeley, Calif. (1961- )
- HANAN, C. SELVIN: The impact of higher education on student attitudes. In: Axelrod, Joseph, ed. *Unity and diversity in higher education*. Berkeley, Calif., University of California, 1962, p. 19-26.
- NASATIR, DAVID: A contextual analysis of attitude change. *School Review*, 71:290-298, 1963.
- MH-4735 (R01) CUMMING, M. ELAINE: Community handling of disturbed behavior. Middletown State Hospital, Middletown, N.Y. (1961- )
- CUMMING, ELAINE, and HARRINGTON, CHARLES: Clergyman as counselor. *American Journal of Sociology*, 69(3):234-243, 1963.
- CUMMING, JOHN: The inadequacy syndrome. *Psychiatric Quarterly*, 37(4):723-733, 1963.
- CUMMING, JOHN, and CUMMING, ELAINE: The community. In: Cumming, John, and Cumming, Elaine. *Ego and milieu: Theory and practice of environmental therapy*. New York, Atherton Press, 1962, p. 246-267.
- CUMMING, MARGARET E.: Phase movement in the support and control of the psychiatric patients. *Journal of Health and Human Behavior*, 3:235-241, 1962.
- MCCAFFREY, ISABEL, CUMMING, ELAINE, and RUDOLPH, CLAIRE: Mental disorders in socially defined populations. *American Journal of Public Health*, 53(7):1025-1030, 1963.
- MH-4736 (R01) HAVIGHURST, ROBERT J., and HESS, ROBERT D.: Cross-national research seminars in human development. University of Chicago, Chicago, Ill. (1961-62)
- HESS, R. D., and TORNEY, J. V.: Religion, age, and sex in children's perceptions of family authority. *Child Development*, 33:781-789, 1962.
- MH-4737 (R01) ZIMMERMANN, HENRY J., ROSENBLITH, WALTER A., and WIESNER, JEROME B.: Basic research in communication sciences. Massachusetts Institute of Technology, Cambridge, Mass. (1961- )
- ALGAZI, VIDAL R.: A study of the performance of linear and nonlinear filters. Cambridge, Mass., Massachusetts Institute of Technology, June 22, 1964, 104 p. (Technical Report No. 420).
- ALGAZI, V. R.: Generalized SNR and performance index of filters for waveform estimation. *Proceedings of the IEEE*, 53(7):725-726, July 1965.
- ARBIB, M. A.: Turing machines, finite automata and neural nets. *Journal of the Association of Computing Machinery*, 8:467-475, 1961.
- ARBIB, MICHAEL A.: Hitting and martingale characterizations of one-dimensional diffusions. Cambridge, Mass., Massachusetts Institute of Technology, 1964, 22 p. (Processed).
- ARBIB, MICHAEL, and BLUM, MANUEL: Machine dependence of degrees of difficulty. *Proceedings of the American Mathematical Society*, 16(3):442-447, 1965.
- BALDWIN, H. A., FRENK, S., and LETTWIN, J. Y.: Glass-coated tungsten microelectrodes. *Science*, 148(3676):1462-1464, 1965.
- BARLOW, J. S.: A phase-comparator model for the diurnal rhythm of emergence of *Drosophila*. *Annals of the New York Academy of Sciences*, 98:788-805, 1962.
- BARLOW, JOHN S.: Some statistical characteristics of electrocortical activity in relation to visual-oculomotor tracking in man. *Boletín del Instituto de Estudios Médicos y Biológicos*, 21(3):497-518, 1963.
- BARLOW, JOHN S.: Evoked responses in relation to visual perception and oculomotor reaction times in man. *Annals of the New York Academy of Sciences*, 112:432-467, 1964.
- BARLOW, J. S., ROVIT, R. L., and GLOOR, P.: Correlation analysis of EEG changes induced by unilateral intracarotid injection of amobarbital. *Electroencephalography and Clinical Neurophysiology*, 16:213-220, 1964.
- BERENDSEN, HERMAN, J. C.: Nuclear magnetic resonance study of collagen hydration. *Journal of Chemical Physics*, 36:3297-3305, 1962.
- BERLEKAMP, ELWYN R.: Note on recurrent codes. IEEE (Institute of Electric and Electronic Engineers) Transactions of the Professional Technical Group on "Information Theory," IT-10(3), July 1964.
- BEVER, T. G., FODOR, J. A., and WEKSEL, W.: Theoretical notes on the acquisition of syntax: A critique of "contextual generalization." *Psychological Review*, 72(6):467-482, 1965.
- BICKFORD, REGINALD G., JACOBSON, JAMES L., and CODY, THANE R.: Nature of average evoked potentials to sound and other stimuli in man. *Annals of the New York Academy of Sciences*, 112:219-222, 1964.



- In: Redundancy techniques for computing systems. Washington, D.C., Spartan Books, 1962.
- RAZIER, M. A. B.: The analysis of brain waves. *Scientific American*, 206:142-153, 1962.
- RIDGES, J. E., and ZALEWSKI, R. A.: Orthogonal detection to reduce common channel interference. *Proceedings of the IEEE*, 53(7):742-743, 1965.
- TOWN, JOEL E.: Dendritic fields of retinal ganglion cells of the rat. *Journal of Neurophysiology*, 28(6):1091-1100, 1965.
- TOWN, JOEL E., and ROJAS, ARISTIDES J.: Rat retinal ganglion cells: Receptive field organization and maintained activity. *Journal of Neurophysiology*, 28(6):1073-1090, 1965.
- UCH, JAMES D.: On the optimum quantization of stationary signals. In: IEEE (Institute of Electric and Electronic Engineers) International Convention Record. Part I. 1964, p. 118-124.
- UCH, J. D.: Optimum quantization. Cambridge, Mass., Mass. Institute of Technology, March 1965, 72p. (Technical Rept. No. 429).
- URNS, S. K., and MOLZACK, R.: A method for analyzing variations in evoked responses. *Electroencephalography and Clinical Neurophysiology*, 20(4):407-409, 1966. (Also acknowledges MH-4235).
- VAGGIONI, ANDREA, and GOLDSTEIN, MOISE: Enhancement of shock-evoked responses from striate cortex following either onset or termination of light. (Abstract) *Federation Proceedings*, 22(2) (Part I):576, 1963.
- VAGGIONI, A., and GOLDSTEIN, M. H., JR.: Facilitation and inhibition in the visual system after photic stimulation. *Archives Italiennes De Biologie*, 103:397-420, 1965.
- OMSKY, NOAM: Aspects of the theory of syntax. Cambridge, Mass., Massachusetts Institute of Technology, 1965, 251 p. (Also acknowledges MH-5120).
- LBURN, H. S., and DURLACH, N. I.: Time-intensity relations in binaural unmasking. *Journal of the Acoustical Society of America*, 38(1):93-103, July 1965.
- NNIS, J. B.: The use of computers in speech research. *Annals of the New York Academy of Sciences*, 115:867-880, 1964.
- NNIS, J. B.: A multiuser computation facility for education and research. *Communications of ACM*, 7:521-529, 1964.
- NNIS, JACK B.: Distributed solution of network programming problems. *IEEE Transactions of the Professional Technical Group on Communications Systems*, CS-12(2):176-184, June 1964.
- DURLACH, N. I.: Note on binaural masking-level differences at high frequencies. *Journal of the Acoustical Society of America*, 36(3):576-581, 1964.
- DURLACH, N. I.: Note on binaural masking-level differences as a function of the interaural correlation of the masking noise. *Journal of the Acoustical Society of America*, 36:1613-1617, 1964.
- EDEN, M.: Handwriting and pattern recognition. *Transactions of the Professional Group on Informal Theory*, IT-8(2):160-166, 1962.
- EDEN, M.: Human information processing. *IEEE Transactions of the Professional Technical Group on Information Theory*, IT-9:253-256, 1963.
- EDEN, MURRAY: Note on short term storage of information in vision. *Perceptual and Motor Skills*, 19:93-94, 1964.
- FODOR, JERRY A.: Could meaning be an rm? *Journal of Verbal Learning and Verbal Behavior*, 4(2):73-81, 1965.
- FODOR, J. A., and BEVER, THOMAS G.: The psychological reality of linguistic segments. *Journal of Verbal Learning and Verbal Behavior*, 4(5):414-420, 1965.
- FRISHKOPF, L. S., and GOLDSTEIN, H. M., JR.: Responses to acoustic stimuli from single units in the eighth nerve of the bullfrog. *Journal of the Acoustical Society of America*, 35:1219-1228, 1963.
- GALLAGER, ROBERT G.: Low-density parity-check codes. Cambridge, Mass., M.I.T. Press, 1963, 111 p. (M.I.T. Research Monograph).
- GALLAGER, ROBERT G.: A simple derivation of the coding theorem and some applications. *IEEE Transactions on Information Theory*, p. 3-18, Jan. 1965.
- GERSTEIN, G. W.: Mathematical models for the all-or-none activity of some neurons. *IRE Transactions on Information Theory*, IT-8:S137-S143, September 1962.
- GERSTEIN, G. L., and CLARK, W. A.: Simultaneous studies of firing patterns in several neurons. *Science*, 143(3612):1325-1327, 1964.
- GERSTEIN, G. L., and KIANG, N. Y-s: Responses of single units in the auditory cortex. *Experimental Neurology*, 10:1-18, 1964.
- GERSTEIN, G. L., and MANDELBROT, B.: Random-walk models for the spike activity of a single neuron. *Biophysical Journal*, 4:41-68, 1964.

- GRAY, P. R., KIANG, N. Y. S., and SHIPLEY, J. W.: Probabilities associated with spike discharges in auditory nerve fibers. (Abstract) *Physiologist*, 8(3):Aug. 1965.
- GREENBLATT, SHERWIN: Transistor becomes sensor in temperature regulator. *Electronics*, Nov. 2, 1964.
- GRONEMANN, URI F.: Coding color pictures. Cambridge, Mass., Massachusetts Institute of Technology, June 17, 1964, 41 p. (Technical Report No. 422).
- GUILBAUD, GISELE, ROSENBLITH, WALTER, BURNS, STEVE, and ALBE-FESSARD, DENISE: Evolution chez l'Homme au cours des différents stades du sommeil des réponses électrocorticales évoquées au vertex par deux modes de stimulation. *Comptes Rendus Hebdomadaires des Séances de L'Académie des Sciences* (Paris), 260:5366-5369, 1965.
- HALL, J. L., II: Minimum detectable change in interaural time or intensity difference for brief impulsive stimuli. *Journal of the Acoustical Society of America*, 36(12):2411-2413, 1964.
- HALL, JOSEPH L., II: Binaural interaction in the accessory superior olivary nucleus of the cat: An electrophysiological study of single neurons. Cambridge, Mass., Massachusetts Institute of Technology, 1964, 83 p. (Processed).
- HALL, JOSEPH L.: Processing and transmitting information through the central nervous system. *IEEE Student Journal*, 29-34, May 1965.
- HALL, J. L.: Binaural interaction in the accessory superior-olivary nucleus of the cat. *Journal of the Acoustical Society of America*, 37(5):814-823, 1965.
- HALL, ROBERT D., CLAYTON, RICHARD J., and MARK, ROGER G.: A device for the partial restraint of rats in operant conditioning studies. *Journal of the Experimental Analysis of Behavior*, 9(2):143-145, 1966.
- HALL, M.: On the rules of Russian conjugation (in Russian). In: American contribution to the 5th Congress of Slavists, Sofia, Bulgaria, September 17-24. The Hague, Mouton & Co., 1963.
- HAMBRECHT, FREDERICK TERRY: A multichannel electroencephalographic telemetering system. Cambridge, Mass., Research Laboratory of Electronics, Massachusetts Institute of Technology, 1963, 32 p. (Technical Report No. 413).
- HOFSTETTER, E. M.: Construction of time-limited functions with specified functions with specified autocorrelation functions. *IEEE Transactions of the Professional and Technical Groups on Information Theory*, IT 10:119-126, 1964.
- HOLSINGER, J. L.: Digital communication over fixed time-continuous channels with memory—with special application to telephone channels. Cambridge, Massachusetts, Mass. Institute of Technology, 1964, 124 p. (Technical Report 366).
- HUANG, THOMAS S.: Pseudorandom scanning. *IEEE Transactions on Communication Technology*, COM-12(3):105-107, 1964.
- HUANG, THOMAS S.: The power density spectrum of television random noise. *Applied Optics*, 4(5):597-601, 1965.
- HUANG, THOMAS S.: Some mapping properties of RC and RL driving-point impedance functions. *IEEE Transactions on Circuit Theory*, CT-12(2):257-259, 1965.
- HUANG, THOMAS S.: The subjective effect of two-dimensional pictorial noise. *IEEE Transactions on Information Theory*, IT-11(1):43-53, 1965.
- HUANG, T. S., and LEE, H. B.: Bounds on impedance functions of R,  $\pm L$ ,  $\pm C$ , T networks. *Journal of the Franklin Institute*, 279(2):83-94, 1965.
- KATZ, JERROLD J.: Semantic theory and the meaning of "good". *Journal of Philosophy*, 61(23):739-766, 1964.
- KATZ, JERROLD J.: Mentalism in linguistics. *Language*, 40:124-137, 1964.
- KATZ, JERROLD J.: Symposium: Philosophy and linguistics. The relevance of linguistics to philosophy. *Journal of Philosophy*, 62:590-602, 1965. (Also acknowledges MH-5120).
- KATZ, JERROLD J.: The philosophy of language. In: Chomsky, Noam, and Halle, Morris, eds. *Studies in language*. New York, Harper & Row, 1966. (Also acknowledges MH-5120).
- KATZ, J. J., and FODOR, J. A.: A reply to Dixon's "A trend in semantics." *Linguistics*, 3:19-29, 1964.
- KATZ, JERROLD J., and POSTAL, PAUL M.: An integrated theory of linguistic descriptions. Cambridge, Massachusetts Institute of Technology, 1964, 178 p.
- KIANG, NELSON YUAN-SHENG: Stimulus coding in the auditory nerve and cochlear nucleus. *Acta Oto-Laryngologica*, 59:186-200, 1965.
- KIANG, N. Y.-S., and PFEIFFER, R. R.: Nerve and nucleus: A study of stimulus coding in the initial stages of the auditory nervous system. *Science*, 146:432, 1964.
- KIANG, NELSON Y. S., PFEIFFER, RUSSELL R., WARR, W. BRUCH, and BACKUS, ANN S. N.: Stimulus coding in the cochlear nucleus. *Annals of Otology, Rhinology and Laryngology*, 74(2):463-485, 1965.
- KIANG, N. Y., and SACHS, M. B.: Effects of acoustic stimuli on spontaneous spike discharges in audi-

- tory nerve fibers. *Physiologist*, 8(3): August 1965.
- LANG, N. Y-S., WATANABE, T., THOMAS, ELEANOR G., and CLARK, LOUISE F.: Stimulus coding in the cat's auditory nerve: A preliminary report. *Annals of Otolaryngology, Rhinology, and Laryngology*, 71:1009-1026, 1962.
- URODA, S.-Y.: Classes of languages and linear-bounded automata. *Information and Control*, 7: 207-223, 1964.
- URODA, S. Y.: Causative forms in Japanese. *Foundations of Language*, 1:30-50, 1965.
- U, C. L.: Determination of the final state of an automaton whose initial state is unknown. *IEEE (Institute of Electric and Electronic Engineers) Transactions on Electronic Computers*, EC-12(5), December 1963.
- U, C. L.: kth-order finite automation. *IEEE (Institute of Electric and Electronic Engineers) Transactions on Electronic Computers*, EC-13(5), October 1964.
- U, C. L.: The memory orders of states of an automaton. *Journal of the Franklin Institute*, 277: 37-49, 1964.
- U, BEDU, and KAHN, ROBERT E.: Optimum pre-filtering in sampled data systems with read-in jitter. *IEEE International Convention Record*, Part 7:127-133, 1965.
- CCARTHY, JOHN: Time-sharing computer systems. In: Greenberger, Martin, ed. *Management and the computer of the future*. Cambridge, Mass., M. I. T. Press, and New York, John Wiley & Sons, 1962, p. 221-236.
- CCARTHY, J., ABRAHAMS, P. W., EDWARDS, D. J., HART, T. P., and LEVIN, M. I., eds.: *LISP 1.5 Programmer's Manual*. Cambridge, Mass., Michigan Institute of Technology Press, 1963, 107 p. (Processed).
- CCULLOCH, W. S.: Symbolic representation of the neuron as an unreliable function. In: *Principles of self organization*. New York, Pergamon Press, 1961, p. 91-94.
- CCULLOCH, W. S.: The utility of anastomotic nets. In: Wilcox & Mann, eds. *Redundancy techniques for computing systems*. Washington, D.C., Spartan Books, 1962.
- CCULLOCH, W. S.: Brains, machines, and mathematics. *American Scientist*, 52:318, 1964.
- CCULLOCH, W. S.: Reliable systems using unreliable units. In: Rioch, David McK., and Weinstein, Edwin A., eds. *Disorders of communication*. Vol. 42. Baltimore, Md., Williams & Wilkins, 1964, p. 19-28.
- MATTHEWS, G. H.: A note on asymmetry in phrase structure grammars. *Information and Control*, 7:360-365, 1964.
- MELZACK, RONALD, and BURNS, S. K.: Neuropsychological effects of early sensory restriction. *Boletín del Instituto de Estudios Médicos y Biológicos (Mexico)*, 21:407-425, 1963. Also in: *Experimental Neurology*, 13(2):163-175, 1965. (Also acknowledges MH-4235).
- MELZACK, R., and WALL, P. D.: On the nature of cutaneous sensory mechanisms. *Brain*, 85(2): 331-356, 1962. (Also acknowledges MH-4235).
- MELZACK, RONALD, and WALL, PATRICK D.: Pain mechanisms: A new theory. *Science*, 150(3699): 971-979, 1965.
- MENDELL, L. M., and WALL, P. D.: Presynaptic hyperpolarization: A role for fine afferent fibres. *Journal of Physiology*, 172:274-294, 1964.
- MENDELL, L. M., and WALL, P. D.: Response of single dorsal cord cells to peripheral cutaneous unmyelinated fibres. *Nature*, 206(4979):95-97, 1965.
- MENYUK, PAULA: Syntactic rules used by children from preschool through first grade. *Child Development*, 35:533-546, 1964.
- MENYUK, PAULA: Comparison of grammar of children with functionally deviant and normal speech. *Journal of Speech and Hearing Research*, 7:109-121, 1964.
- MENYUK, PAULA: Alternation of rules in children's grammar. *Journal of Verbal Learning and Verbal Behavior*, 3(6):480-488, 1964.
- MENYUK, PAULA: Speech communication. Detection of DSB signals occupying the same RF spectrum. *Quarterly Progress Report*, 77:305-313, 1965. (Processed)
- MERMELSTEIN, PAUL, and EDEN, MURRAY: Experiments on computer recognition of connected handwritten words. *Information and Control*, 7:255-270, 1964.
- MERMELSTEIN, PAUL, and EYDEN, MURRAY: A system for automatic recognition of handwritten words. In: *Proceedings—Fall Joint Computer Conference*, 1964, p. 333-342.
- OPPENHEIM, ALAN V.: Superposition in a class of nonlinear systems. Cambridge, Mass., Massachusetts Institute of Technology, 1965, 62 p. (Technical Report 432).
- PAUL, ALLAN P., HOUSE, ARTHUR S., and STEVENS, KENNETH N.: Automatic reduction of vowel spectra: An analysis by synthesis method and its evaluation. *Journal of the Acoustical Society of America*, 36(2):303-308, 1964.
- PEAKE, W. T., GOLDSTEIN, M. H., JR., and KIANG, N. Y-S.: Responses of the auditory nerve to repeti-

- tive acoustic stimuli. *Journal of the Acoustical Society of America*, 34(5):562-570, 1962.
- PFEIFFER, R. R., and KIANG, N. Y-S.: Spike discharge patterns of spontaneous and continuously stimulated activity in the cochlear nucleus of anesthetized cats. *Biophysical Journal*, 5(3):301-316, 1965.
- PICHARD, W. F., LETTVIN, J. Y., MOORE, J. W., TAKATA, M., POOLER, J., and BERNSTEIN, T.: Caesium ions do not pass the membrane of the giant axon. *Proceedings of the National Academy of Sciences*, 52:1177-1183, 1964.
- PUTNAM, HILARY: An examination of Grünbaum's philosophy of geometry. In: *Philosophy of science*. Vol. 2. New York, Interscience Publishers, 1963, p. 205-255.
- ROBERTS, L. G.: Recent development in optical character recognition at M.I.T. In: *Proceedings of Symposium on Optical Character Recognition*, Washington, D.C., January 15-17, 1962, p. 209-212.
- RODIECK, R. W., KIANG, N. Y-S., and GERSTEIN, G. L.: Some quantitative methods for the study of spontaneous activity of single neurons. *Biophysical Journal*, 2(4):351-368, 1962.
- ROSENBLITH, W. A., and VIDAIE, E. B.: A quantitative view of neuroelectric events in relation to sensory communication. In: Koch, S., ed. *Psychology: A study of science*. New York, McGraw-Hill, 1962, p. 333-379.
- ROSENBLITH, W. A., WIESNER, J. B., RAPOPORT, A., MACKAY, D. M., HOAGLAND, H., ADEV, W. R., GARNER, W. R., COBB, S., and MCCULLOCH, W. S.: Norbert Wiener 1894-1964. *Journal of Nervous and Mental Disease*, 140(1):3-16, 1965.
- SACHS, MURRAY B.: Responses to acoustic stimuli from single units in the eighth nerve of the green frog. *Journal of the Acoustical Society of America*, 36:1956-1958, 1964.
- SAVAGE, J. E.: The computation problem with sequential decoding. Cambridge, Mass., Massachusetts Institute of Technology, 1965, 84 p. (Technical Report 439).
- SCHETZ, M.: Measurement of correlation functions. *Proceedings of the IEEE*, 3(12):2100-2104, 1964.
- SCHETZEN, MARTIN: Determination of optimum nonlinear systems for generalized error criteria based on the use of gate functions. *IEEE Transactions on Information Theory*, IT-11(1):117-125, 1965.
- SCHETZEN, MARTIN: Measurement of the kernels of a non-linear system of finite order. *International Journal of Control*, 1(3):251-263, 1965.
- SCHETZEN, MARTIN: Synthesis of a class of non-linear systems. *International Journal of Control*, 1(5):401-414, 1965.
- SELVIN, HANAN C.: The impact of university experiences on occupational plans. *School Review*, 71:317-329, 1963.
- SIEBERT, WILLIAM M.: Some implications of the stochastic behavior of primary auditory neurons. *Sonderdruck aus, Kybernetik*, 2. Band, 5. Heft, June 1965, S.206-215.
- SIMON, WILLIAM: The real-time sorting of neuroelectric action potentials in multiple unit studies. *Electroencephalography and Clinical Neurophysiology*, 18:192-195, 1965.
- SKLAR, J. R.: Sequential measurement of multidimensional transducers. Cambridge, Mass., Massachusetts Institute of Technology, 1964, 95 p. (Technical Report 431).
- SNYDER, DONALD: Some useful expressions for optimum linear filtering in white noise. *Proceedings of the IEEE*, 1965, p. 629-630.
- STEVENS, K. N., and HOUSE, A. S.: Perturbation of vowel articulations by consonantal context: An acoustical study. *Journal of Speech and Hearing Research*, 6:111-128, 1963.
- SUTHERLAND, N. S., and HOLGATE, VALERIE: Two-cue discrimination learning in rats. *Journal of Comparative and Physiological Psychology*, 61(2):198-207, 1966.
- TAUB, ARTHUR: Local, segmental and supraspinal interaction with a dorsolateral spinal cutaneous afferent system. *Experimental Neurology*, 10:357-374, 1964.
- TAUB, ARTHUR, and BISHOP, PETER O.: The spino-cervical tract: Dorsal column linkage, conduction velocity, primary afferent spectrum. *Experimental Neurology*, 13(1):1-21, 1965.
- TEAS, DONALD C., and KIANG, NELSON Y-S.: Evoked responses from the auditory cortex. *Experimental Neurology*, 10:91-119, 1964.
- TEAS, D. C., and KIANG, N. Y-S.: Components of the complex response evoked from the auditory cortex of unanesthetized cats. *Science*, 146:434-435, 1964.
- TRETIK, O. J., and HUANG, T. S.: Resistance of an n-dimensional cube. *Proceedings of the IEEE*, 53(9):1271-1272, 1965.
- VERBEEK, L. A. M.: On error minimizing neuronal nets. In: *Principles of self organization*. New York, Pergamon Press, 1961, p. 121-133.
- VIERTTEL, JOHN: Generative grammars. In: *Conference on College Composition and Communication*, May 1964, p. 65-81.

- WALL, P. D.: Presynaptic control of impulses at the first central synapse in the cutaneous pathway. In: Eccles, J. C., and Schade, J. P., eds. *Progress in brain research*. Vol. 12. Physiology of spinal neurons. Amsterdam, Elsevier, 1964, p. 92-118.
- WALL, P. D.: Impulses originating in the region of dendrites. *Journal of Physiology* (Great Britain), 180:116-133, 1965.
- WALL, P. D., and MELZACK, R.: Neural mechanisms which discriminate events on the skin. *IRE Transactions on Information Theory*, IT-8:120-125, 1962. (Also acknowledges MH-4235).
- WALL, P. D., and TAUB, A.: Four aspects of trigeminal nucleus and a paradox. *Journal of Neurophysiology*, 25:110-126, 1962.
- WEISS, THOMAS F.: A model for firing patterns of auditory nerve fibers. Cambridge, Massachusetts Institute of Technology, 1964, 93 p. (Technical Report No. 418). (Processed)
- MH-4740 (R03) O'CONNOR, JOHN F.: Evaluation of psychotherapy in ulcerative colitis. Columbia University, New York, N.Y. (1961-62)
- DANIELS, GEORGE E., O'CONNOR, JOHN F., KARUSH, AARON, MOSES, LEON, FLOOD, CHARLES B., and LEPORE, MICHAEL: Three decades in the observation and treatment of ulcerative colitis. *Psychosomatic Medicine*, 24(1):85-93, 1962.
- O'CONNOR, JOHN F., DANIELS, GEORGE, FLOOD, CHARLES, KARUSH, AARON, MOSES, LEON, and STERN, LENORE O.: An evaluation of the effectiveness of psychotherapy in the treatment of ulcerative colitis. *Annals of Internal Medicine*, 60(4):587-602, 1964.
- O'CONNOR, JOHN F., DANIELS, GEORGE, KARUSH, AARON, MOSES, LEON, FLOOD, CHARLES, and STERN, LENORE O.: The effects of psychotherapy on the course of ulcerative colitis. A preliminary report. *Journal of American Psychiatric Association*, 120(8):738-742, 1964.
- MH-4742 (R03) KEELER, MARTIN H.: Subjective response—intermittent photic stimulation. University of North Carolina, Chapel Hill, N.C. (1961-61)
- KEELER, MARTIN H.: Relations between excitatory and inhibitory retinal responses as determined by a revised apparatus for the study of negative after-images. *Nature*, 196:1343-1344, 1962.
- KEELER, MARTIN: Inter-relations of the effects of psilocybin on subjective sensation, photopic critical frequency of fusion, and circulating non-esterified fatty acids. *Experientia*, 19:37-38, 1963.
- KEELER, MARTIN, CLARKE, MAY G., and COCHRANE, CARL M.: Psychological effects of psilocybin as determined by the Minnesota Multiphasic Personality Inventory. *Psychiatry Digest*, 24(1):27-34, 1963.
- MH-4743 (R03) GELLHORN, ERNST: Facts and theories of adrenomedullary secretion. Westmont College, Santa Barbara, Calif. (1961-61)
- GELLHORN, E.: Prolegomena to a theory of the emotions. *Perspectives in Biology and Medicine*, 4:403-436, 1961.
- MH-4748 (R01) FERRIS, JAMES P.: Constitution of some lythraceae alkaloids. Florida State University, Tallahassee, Fla. (1961-64)
- FERRIS, J. P.: Lythraceae alkaloids. I. Isolation and structural studies of the alkaloids of decodon verticillatus (L.) ell. *Journal of Organic Chemistry*, 27:2985-2990, 1962.
- FERRIS, J. P.: Lythraceae alkaloids. II. Structural studies on decodine and verticillatine. *Journal of Organic Chemistry*, 28:817-822, 1963.
- MH-4752 (R03) PARE, WILLIAM P.: Chronic stress and the etiology of gastric ulcers. Boston College, Chestnut Hill, Mass. (1961-61)
- PARE, WILLIAM P.: The effects of chronic environmental stress on stomach ulceration, adrenal function, and consummatory behavior in the rat. *Journal of Psychology*, 57:143-151, 1964.
- MH-4754 (R03) ROSEN, SIDNEY: On withholding informational vs. material resources. Marquette University, Milwaukee, Wisc. (1961-62)
- ROSEN, SIDNEY: The comparative roles of informational and material commodities in interpersonal transactions. *Journal of Experimental Social Psychology*, 2(2):211-226, 1966.
- MH-4758 (R01) ZUBIN, JOSEPH, and SALZINGER, KURT: Immediate effect of chlorpromazine on verbal behavior. New York State Department of Mental Hygiene, Albany, N.Y. (1960-61) (Continued from MH-2785).
- SALZINGER, K., FELDMAN, R. S., and PORTNOY, STEPHANIE: The effects of reinforcement on verbal and non-verbal responses. *Journal of General Psychology*, 70:225-234, 1964. (Also acknowledges MH-1541).
- SALZINGER, K., PORTNOY, STEPHANIE, and FELDMAN, R. S.: The effect of order of approximation to the statistical structure of English on the emission of verbal responses. *Journal of Experimental Psychology*, 64:52-57, 1962. (Also acknowledges MH-2785).
- SALZINGER, K., and WALLER, M. B.: The operant control of vocalization in the dog. *Journal of the Experimental Analysis of Behavior*, 5:383-389, 1962. (Also acknowledges MH-2785).

- MH-4759 (R01) ZUBIN, JOSEPH, HAKEREM, GAD, and SUTTON, SAMUEL: The effect of chlorpromazine on the pupillary reflex. New York State Department of Mental Hygiene, Albany, N.Y. (1960-61) (Continued from MH-2783).
- HAKEREM, G., SUTTON, S., and ZUBIN, J.: Pupillary reactions to light in schizophrenic patients and normals. *Annals of the New York Academy of Sciences*, 105:820-831, 1964. (Also acknowledges MH-1541).
- MH-4761 (R03) REED, CHARLES F.: Measurement of pattern-detection in brain injury. State University of New York—Upstate Medical Center, Syracuse, N.Y. (1961-61)
- REED, C. F., and POLLACK, A.: Statistically defined displays and pattern detection of cerebral palsied children. *Science*, 140(3573):1331-1333, June, 1963.
- REED, CHARLES F., and POLLACK, ALAN: Pattern-detection in brain-injured children. *American Journal of Psychology*, 78(2):177-187, 1965.
- MH-4763 (R03) YOUNG, LEONTINE: Families that neglect and abuse their children. Child Service Association. Newark, N.J. (1960-61)
- YOUNG, LEONTINE R.: Wednesday's children. New York, McGraw-Hill, 1964, 195 p.
- MH-4773 (R01) GUTH, PAUL S.: Interaction of neurohumors and LSD congeners in CNS. Tulane University, New Orleans, La. (1961-63)
- MAINES, J. E., and GUTH, P. S.: Pharmacologic evidence favoring the hypothesis that the auditory inhibitory tract is cholinergic. (Abstract) *Pharmacologist*, 4, 1962.
- MH-4785 (R01) SMITH, KARL U., and SHIDEMAN, MAN, FREDERICK E.: Drugs and brain biochemistry in aging and development. University of Wisconsin, Madison, Wisc. (1961-64)
- GOULD, J., and SMITH, K. U.: Angular displacement of the visual feedback of motion. *Science*, 137: 619-620, 1962.
- GREEN, P. M., and SMITH, K. U.: Maturation of performance with space-displaced vision. *Science*, 141:727-728, 1963.
- SMITH, K. U.: Environmental research and sensory-feedback analyses of behavior. In: Proceedings of the Institute of Environmental Scientists. Chicago, Institute of Environmental Scientists, 1962, p. 353-368.
- SMITH, KARL U.: Delayed sensory feedback and behavior. Philadelphia, W. B. Saunders, 1962, 109 p.
- SMITH, K. U.: Behavior organization and work: A new approach to industrial behavioral science. Madison, Wisc., College Printing and Typing, 1962, 900 p. (Also acknowledges MH-4469).
- SMITH, KARL U.: Sensory feedback analysis in medical research: II. Spatial organization of neuro-behavioral system. *American Journal of Physical Medicine*, 43:49-84, 1964. (Also acknowledges MH-4469).
- SMITH, K. U.: Cybernetic foundations of learning science. In: Association of Computing Machinery Proceedings of the 20th National Conference, 1965, p. 8-26.
- SMITH, KARL U.: Cybernation and human evolution. Madison, University of Wisconsin Behavioral Cybernetics Laboratory, 1966, 13 p. (Processed)
- SMITH, KARL U., and ANSELL, SHERMAN D.: Closed-loop digital computer system for study of sensory feedback effects of brain rhythms. *American Journal of Physical Medicine*, 44(3):125-137, 1964.
- SMITH, K. U., ANSELL, S., and SMITH, W. M.: Sensory feedback analysis in medical research: I. Delayed sensory feedback in behavior and neural function. *American Journal of Physical Medicine*, 42(6):228-261, 1963. (Also acknowledges MH-4469).
- SMITH, KARL U., CAMBRIA, RICHARD, and STEFFAN, JAMES: Sensory-feedback analysis of reading. *Journal of Applied Psychology*, 48(5):275-286, 1964.
- SMITH, KARL U., and GREENB, PAUL: A critical period in maturation of performance with space-displaced vision. *Perceptual and Motor Skills*, 17:627-639, 1963.
- SMITH, KARL U., HENRY, JOHN P., JUNAS, RICHARD K., and ANSELL, SHERMAN D.: Remote experimental cybernetic analysis of delayed feedback of oral breath pressure control in normal and emphysema patients: Application to space medicine. Madison, University of Wisconsin Behavioral Cybernetics Laboratory, 1966, 16 p. (Processed).
- SMITH, K. U., MYSZEWSKI, M., MBERGEN, M., and KOHLER, J.: Computer system control of delayed auditory feedback. *Perceptual and Motor Skills*, 17:343-354, 1963. (Also acknowledges MH-4469).
- SMITH, K. U., and SMITH, W. M.: Scientific television methods applied to analysis of perceptual feedback in behavior. In: May, M., and Erons, L., eds. *Television and human behavior*. New York, Appleton Century Crofts, 1963, p. 295-307.
- SMITH, K. U., ZWERG, C., and SMITH, N. J.: Sensory-feedback analysis of infant control of the behavioral environment. *Perceptual and Motor Skills*, 16:725-732, 1962.

SMITH, W. M., and SMITH, K. U.: Delayed visual feedback and behavior. *Science*, 132:1013-1014, 1960.

MH-4786 (R03) ELLISON, DOUGLAS G.: Machine teaching of reading in retarded children. Indiana University, Bloomington, Ind. (1961-61)

ELLISON, D. G.: Programmed learning of elementary reading. In: Selected convention papers, 40th Annual CEC Convention, Columbus, Ohio, April 24-28, 1962. Washington, D.C., Council for Exceptional Children, National Education Association, 1962. (Also acknowledges MH-4989).

MH-4789 (R10) OTIS, LEON S.: A multidimensional behavioral analysis of drugs. Stanford Research Institute, Menlo Park, Calif. (1961-62) (Continued from MH-3384).

OTIS, L. S., and BOENNING, R. A.: A transistorized circuit for recording contact responses. *Journal of the Experimental Analysis of Behavior*, 2:289-291, 1959. (Also acknowledges MH-3384).

MH-4791 (R01) GELLHORN, ERNST: A neurophysiological view of emotional disorders. Westmont College, Santa Barbara, Calif. (1961-62)

GELLHORN, E., and LOOFBOURROW, G. N.: Emotions and emotional disorders. New York, Hoeber, 1963, 496 p.

MH-4792 (R03) PINS, ARNULF M.: Factors influencing career choices in social work. Individual, Closter, N.J. (1961-61)

PINS, ARNULF M.: Profile of social work students. *Canadian Welfare*, 38(6):280-284, 1962.

PINS, ARNULF M.: What do we know about the shortage of group workers and the recruitment of group work students and how can we use this knowledge to increase their number? New York, National Association of Social Workers, 1962. (Processed)

PINS, ARNULF: Who chooses social work, when and why? New York, Council on Social Work Education, 1963, 212 p.

MH-4796 (R03) LAWTON, M. POWELL: Role concepts of the psychiatric aide. Norristown State Hospital, Norristown, Pa. (1961-63)

LAWTON, M. POWELL: Studies on the psychiatric aide. *Mental Hospitals*, 512-515, September 1964.

LAWTON, M. POWELL, and GOLDMAN, ALFRED E.: Role conceptions of the psychiatric aide. *Genetic Psychology Monographs*, 71:311-348, 1965.

LAWTON, M. POWELL: Personality and attitudinal correlates of psychiatric-aide performance. *Journal of Social Psychology*, 66(2):215-226, 1965.

MH-4798 (R17) KLEIN, DONALD F.: Psychiatric reaction patterns to psychotropic drugs. Hillside Hospital, Glen Oaks, N.Y. (1961-64)

BELMONT, I., BIRCH, H. G., POLLACK, M., and KLEIN, D. F.: Perceptual evidence of CNS dysfunction in schizophrenia. *A. M. A. Archives of General Psychiatry*, 10:395-408, 1964. (Also acknowledges MH-2715).

BLUMBERG, ARNOLD G.: Effect of chlorpromazine with procyclidine and imipramine on radioactive iodine uptake. *Journal of Clinical Endocrinology and Metabolism*, 23(9):881-884, 1963. (Also acknowledges MH-2715).

BLUMBERG, A. G., and KLEIN, D. F.: Severe papilledema associated with drug therapy. *American Journal of Psychiatry*, 118:168-170, 1961.

BLUMBERG, A. G., KLEIN, D. F., and POLLACK, M.: Age related changes in blood pressure with chlorpromazine and imipramine. (Abstract) *Excerpta Medica, Sixth International Congress of Gerontology, International Congress Series*, 57:195, 1963. (Also acknowledges MH-2938).

BLUMBERG, A. G., KLEIN, D. F., and POLLACK, M.: Effects of chlorpromazine and imipramine on systolic blood pressure in psychiatric patients: Relationships to age, diagnosis and initial blood pressure. *Journal of Psychiatric Research*, 2:51-60, 1964. (Also acknowledges MH-2715 and MH-2938).

FINK, M., KLEIN, D. F., and KRAMER, J. C.: Clinical efficacy of chlorpromazine-procycyclidine combination, imipramine and placebo in depressive disorders. *Psychopharmacologia*, 7(1):27-36, 1965. (Also acknowledges MH-7432 and MH-2715).

FINK, MAX, POLLACK, M., KLEIN, D. F., BLUMBERG, A. G., BELMONT, I., KARP, E., KRAMER, J. C., and WILLNER, A.: Comparative studies of chlorpromazine and imipramine. I. Drug discriminating patterns. In: Bradley, P. B., ed. *Neuro-psychopharmacology*. Vol. 3. Amsterdam, Elsevier, 1963, p. 370-372. (Also acknowledges MH-2715 and MH-2938).

GITTELMAN, R. K., KLEIN, D. F., and POLLACK, M.: Effects of psychotropic drugs on long-term adjustment: A review. *Psychopharmacologia*, 5:317-338, 1964. (Also acknowledges MH-2715).

KLEIN, D. F.: Management problems at Hillside Hospital, 1960 and 1963. *Journal of Hillside Hospital*, 13:79-94, 1964. (Also acknowledges MH-2715).

KLEIN, D. F.: Delineation of two-drug responsive anxiety syndromes. *Psychopharmacologia*, 5:397-408, 1964. (Also acknowledges MH-2715).

KLEIN, D. F.: Visual hallucinations with imipramine. *American Journal of Psychiatry*, 121(9):911-914, 1965. (Also acknowledges MH-2715).

- KLEIN, D. F., and FINK, M.: Psychiatric reaction patterns to imipramine (Tofranil). *American Journal of Psychiatry*, 119(5):432-438, 1962. (Also acknowledges MH-2715).
- KLEIN, D. F., and FINK, M.: Behavioral reaction patterns with phenothiazines. *A. M. A. Archives of General Psychiatry*, 7:449-459, 1962. (Also acknowledges MH-927 and MH-2715).
- KLEIN, D. F., and FINK, M.: Multiple item factors as change measures in psychopharmacology. *Psychopharmacologia*, 4:43-52, 1963. (Also acknowledges MH-2715).
- KRAMER, J. C., KLEIN, D. F., and FINK, M.: Imipramine as an adjunct to phenothiazine therapy. *Comparative Psychiatry*, 3(6):377-380, 1962. (Also acknowledges MH-2715).
- POLLACK, MAX, and GITTELMAN, R. K.: The siblings of childhood schizophrenics: A review. *American Journal of Orthopsychiatry*, 34:868-874, 1964.
- POLLACK, E., KARP, I., BLEMONT, I., WILLNER, A., KLEIN, D., and FINK, M.: Comparative studies of chlorpromazine and imipramine. II. Psychological performance profiles. In: Bradley, P. B., ed. *Neuropsychopharmacology*. Vol. 3. New York, Elsevier, 1964, p. 373-376. (Also acknowledges MH-2715).
- POLLACK, MAX, KILBIN, DONALD F., WILLNER, ARTHUR, BLUMBERG, ARNOLD, and FINK, MAX: Imipramine-induced behavioral disorganization in schizophrenic patients: Physiological and psychological correlates. In: Wortis, Joseph, ed. *Recent advances in biological psychiatry*. Vol. 7. New York, Plenum Press, 1964, p. 53-61. (Also acknowledges MH-2715 and MH-2938).
- MH-4800 (R03) WELLER, LEONARD: Anxiety, cohesiveness and group functioning. University of Connecticut, Storrs, Conn. (1961-61)
- WELLER, LEONARD: The relationship of birth order to anxiety: A replication of the Schachter findings. *Sociometry*, 25(4):415-417, 1962.
- WELLER, LEONARD: The effects of anxiety on cohesiveness and rejection. *Human Relations*, 16(2):189-197, 1963.
- WELLER, LEONARD: The relationship of birth order to cohesiveness. *Journal of Social Psychology*, 63:249-254, 1964.
- MH-4803 (R10) WALTERS, GUY M.: NIMH-PSC collaborative study of phenothiazines. Rochester State Hospital, Rochester, N.Y. (1960-64)
- GOLDBERG, SOLOMON C., SCHOLLER, NINA R., DAVIDSON, EDWIN M., and KAYCE, MELVIN M.: Sex and race differences in response to drug treatment among schizophrenics. *Psychopharmacologia* (Berlin), 9(1):31-47, 1966. (Also acknowledges MH-4661; MH-4663; MH-4667; MH-4673; MH-4674; MH-4675; MH-4679).
- NATIONAL INSTITUTE OF MENTAL HEALTH, PSYCHOPHARMACOLOGY SERVICE CENTER COLLABORATIVE STUDY GROUP: Phenothiazine treatment in acute schizophrenia. *Archives of General Psychiatry*, 10:246-261, 1964. (Also acknowledges MH-4661; MH-4663; MH-4667; MH-4671; MH-4673; MH-4674; MH-4675; MH-4679; MH-5664).
- WALTERS, GUY M.: Jaundice following administration of fluphenazine dihydrochloride. *American Journal of Psychiatry*, 120(1):83-84, 1963.
- MH-4804 (R01) DIAMOND, SIGMUND: 17th century theories of human nature. Columbia University, New York, N.Y. (1961-64)
- DIAMOND, SIGMUND: The creation of society in the New World. Vol. 1. Sellers, Charles, ed. *Berkeley Series in American History*. Chicago, Rand McNally, 1963.
- MH-4807 (R17) CURTIS, GEORGE C.: Humor patterns and their psychological correlates. University of Pennsylvania, Philadelphia, Pa. (1961-64)
- ALEXANDER, F., CURTIS, G. C., and SPRINCE, H.: Effects of amino-acids and tranlylcypromine on schizophrenic behavior. (Abstract) *Federation Proceedings*, 21:417, 1962.
- ALEXANDER, F., CURTIS, G. C., SPRINCE, H., and CROSLY, A. P.: L-methionine and L-tryptophan feedings in the non-psychotic and schizophrenic patient with and without tranlylcypromine. *Journal of Nervous and Mental Disease*, 137:135-142, 1963.
- CURTIS, G. C.: Mechanisms of neurohumoral transmission. In: Nodine, J. H., and MOYER, J. H., eds. *Psychosomatic medicine: The first Habermann symposium*. Philadelphia, Lea & Febiger, 1962, p. 186-192.
- CURTIS, G. C.: Violence breeds violence—perhaps? *American Journal of Psychiatry*, 120:386-387, 1963.
- MH-4808 (R17) SATTERFIELD, JAMES H.: Neurophysiological correlates of psychotic behavior. Washington University, St. Louis, Mo. (1961-65)
- SATTERFIELD, J. H.: Successful suicide in a patient with conversion reaction. *American Journal of Psychiatry*, 118:1047-1048, 1962.
- SATTERFIELD, J. H.: Effect of sensorimotor cortical stimulation upon cuneate nuclear output through medial lemniscus in cat. *Journal of Nervous and Mental Disease*, 135:507-512, 1962.



- TERFIELD, JAMES H.: Evoked cortical response enhancement and attention in man. A study of responses to auditory and shock stimuli. *Electroencephalography and Clinical Neurophysiology*, 19(5):470-475, 1965.
- TERFIELD, J. H., and CHEATUM D.: Evoked cortical potential correlates of attention in human subjects. *Electroencephalography and Clinical Neurophysiology*, 17:456-457, 1964.
- H-4813 (R01) MIRONE, LEONORA: Ethanol metabolism in prolonged ingestion of alcohol. Manhattan College, New York, N.Y. (1961- )
- MIRONE, LEONORA: Effect of prolonged ethanol intake on body weight, liver weight and liver nitrogen, glycogen, ADH, and NAD and NADH of mice. *Life Sciences*, 4:1195-1199, 1965.
- MIRONE, LEONORA: Effect of ethanol on growth and liver components in mice. *Life Sciences*, 4:1823-1830, 1965.
- MIRONE, LEONORA: Effect of vitamins in single dose on liver of mice on prolonged ethanol intake. *Life Sciences*, 5(4):317-324, 1966.
- H-4814 (R01) MENDELSON, JACK H., and MELLO, NANCY K.: Induced alcohol addiction in animals. Massachusetts General Hospital, Boston, Mass. (1961-63)
- MELLO, N. K., and MENDELSON, J. H.: Operant performance by rats for alcohol reinforcement: A comparison of alcohol-preferring and nonpreferring animals. *Quarterly Journal of Studies on Alcohol*, 25:226-234, 1964.
- MELLO, NANCY K., and MENDELSON, JACK H.: A shock harness for rats: Resistance as a function of shock intensity. *Psychonomic Science*, 3(1):3-4, 1965.
- MENDELSON, J. H., and MELLO, N. K.: Ethanol and whisky drinking patterns in rats under free-choice and forced-choice conditions. *Quarterly Journal of Studies on Alcohol*, 25(1):125, 1964.
- MENDELSON, J. H., and MELLO, N. K.: Potassium-stimulated respiration of rat cerebral cortex: Effect of ethanol on tissue from alcohol-preferring and nonpreferring animals. *Quarterly Journal of Studies on Alcohol*, 25:235-239, 1964.
- H-4815 (R01) OCHS, SIDNEY, RUSSELL, IAN STEBLE, and SELKURT, EWALD: Cerebral cortex function and behavior. Indiana University, Indianapolis, Ind. (1961- )
- MATSUNAGA, M.: Firing level of Betz cells in relationship to direct cortical responses of the sensory-motor cortex. (Abstract) *Federation Proceedings*, 22(2): Series 1, 1963.
- MATSUNAGA, M., SUZUKI, H., and OCHS, S.: Control of Betz cell excitability by direct cortical stimulation. (Abstract) *Physiologist*, 5:179, 1962.
- OCHS, S.: Analysis of cellular mechanisms of direct cortical responses. *Federation Proceedings*, 21:642-647, 1962.
- OCHS, S.: The nature of spreading depression in neural networks. *International Review of Neurobiology*, 4:1-69, 1962.
- OCHS, SIDNEY: Cortical potentials and pyramidal cells: A theoretical discussion. *Perspectives in Biology and Medicine*, 9(1):126-136, 1965.
- OCHS, S., DOWELL, A. R., and RUSSELL, I. S.: Mescaline convulsive spikes triggered by direct cortical stimulation. *Electroencephalography and Clinical Neurophysiology*, 14:878-884, 1962.
- RUSSELL, I. S., and OCHS, S.: Localization of a memory trace in one cortical hemisphere and transfer to the other hemisphere. *Brain*, 86:36-54, 1963.
- SUZUKI, H., and OCHS, S.: Laminar analysis of direct cortical responses. *Federation Proceedings*, 21:350, 1962.
- SUZUKI, H., and OCHS, S.: Laminar stimulation for direct cortical responses from intact and chronically isolated cortex. *Electroencephalography and Neurophysiology*, 17:405-413, 1964.
- MH-4816 (R01) FROHMAN, CHARLES E.: Isolation of a serum factor in schizophrenia. Lafayette Clinic, Detroit, Mich. (1961- )
- BECKETT, P. G. S., FROHMAN, C. E., GOTTLIEB, J. S., MOWBRAY, J. B., and WOLF, R. C.: Schizophrenic-like mechanisms in monkeys. *American Journal of Psychiatry*, 119(9):835-842, 1963.
- BECKETT, P. G. S., SENF, R., FROHMAN, C. E., and GOTTLIEB, J. S.: Energy production and premorbid history in schizophrenia. *A. M. A. Archives of General Psychiatry*, 8:155-162, 1963.
- BECKETT, P. G. S., SENF, RITA, FROHMAN, C. E., TOURNBY, G., and GOTTLIEB, J. S.: Relations between energy transfer systems and the symptoms of schizophrenia. *American Journal of Psychiatry*, 118(11):995-1003, 1962.
- FROHMAN, C. E., GOODMAN, M., BECKETT, P. G. S., LATHAM, L. K., SENF, RITA, and GOTTLIEB, J. S.: The isolation of an active factor from serum of schizophrenic patients. *Annals of the New York Academy of Science*, 96(1):438-447, 1962.
- FROHMAN, C. E., LATHAM, L. K., WARNER, K. A., BROSIUS, C. O., BECKETT, P. G. S., and GOTTLIEB, J. S.: The effect of motor activity on the plasma factor in schizophrenia. *Archives of General Psychiatry*, 9:83-88, 1963.

- GOTTLIEB, J. S., and FROHMAN, C. E.: The biochemical identification of schizophrenia. In: Toulantes, T. T., Pollack, S. L., and Himwich, H. E., eds. *Research approaches to psychiatric problems*. New York, Grune & Stratton, 1962, p. 129-139.
- LATHAM, L. K., LONCHARICH, K., WARNER, K. A., CRANDALL, R. GORDON, BECKETT, P. G. S., FROHMAN, C. E., and GOTTLIEB, J. S.: Effect of a protein factor isolated from schizophrenic blood on permeability. *Vox Sanguius*, 8:491-496, 1963.
- LEES, H., GREENWOOD, D. J., FROHMAN, C. E., BECKETT, P. G. S., and GOTTLIEB, J. S.: The effects of sera from schizophrenic subjects on the oxidation of succinate and  $\alpha$ -Ketoglutarate. *Journal of Neuropsychiatry*, 5(8):534-538, 1964.
- SULLIVAN, THOMAS M., FROHMAN, CHARLES E., BECKETT, PETER G. S., and GOTTLIEB, JACQUES S.: Biochemical studies of families of schizophrenic patients. *American Journal of Psychiatry*, 122(9):1040-1044, 1966.
- TOURNEY, G., FROHMAN, C. E., BECKETT, P. G. S., and GOTTLIEB, J. S.: Biochemical mechanisms in schizophrenia. In: Roessler, Robert, and Greenfield, Norman S., eds. *Physiological correlates of psychological disorder*. Vol. 13. Madison, Wisc., University of Wisconsin Press, 1962, p. 13-28.
- MH-4818 (R01) BOCKOVEN, J. SANBOURNE, KASTENBAUM, ROBERT, SHELDON, FLORENCE, and WILKERSON, HUGH: Drug effects on behavior cognition in the aged. Cushing Hospital, Framingham, Mass. (1961-64)
- KASTENBAUM, R.: Cognitive and personal futurity in later life. *Journal of Individual Psychology*, 19:216-222, 1963.
- MH-4821 (R03) BERGER, PETER L., NASH, DENNISON J.: Increased religious interest in suburban communities. Hartford Seminary, Hartford, Conn. (1961-62)
- NASH, DENNISON, and BERGER, PETER L.: Church commitment in an American suburb. *Archives de Sociologie des Religions*, January-June, No. 13, 1962.
- NASH, DENNISON, and BERGER, PETER L.: The child, the family, and the religious revival in suburbia. *Journal for the Scientific Study of Religion*, Fall, 85-93, 1962.
- MH-4824 (R01) ROSENBLATT, SEYMOUR, and CHANLEY, JACOB D.: Biochemistry catecholamines in emotional disorders. Mount Sinai Hospital, New York, N.Y. (1961- )
- FECHER, RONALD, CHANLEY, J. D., and ROSENBLATT, SEYMOUR: Electrophoretic separation of catecholamine metabolites and the quantification of norepinephrine-7H<sup>3</sup> metabolites in man. *Analytical Biochemistry*, 9:54-67, 1964.
- ROSENBLATT, S., and CHANLEY, J. D.: Differences in the metabolism of norepinephrine in depressions. *Archives of General Psychiatry*, 13(6):495-502, 1965.
- MH-4825 (R01) BARBER, THEODORE X., and FREEMAN, HARRY: Analgesia produced by hypnosis, placebo, morphine. Medfield State Hospital, Medfield, Mass. (1961-63)
- BARBER, T. X.: Toward a hypnosis: Posthypnotic behavior. *Archives of General Psychiatry*, 7:321-342, 1962.
- BARBER, T. X.: Experimental controls and the phenomena of "hypnosis": A critique of hypnotic research methodology. *Journal of Nervous and Mental Disease*, 134:493-505, 1962.
- BARBER, T. X.: Toward a theory of "hypnotic" behavior: The "hypnotically induced dream." *Journal of Nervous and Mental Disease*, 135:206-221, 1962. (Also acknowledges MH-3253).
- BARBER, T. X.: The effects of "hypnosis" on pain: A critical review of experimental and clinical findings. *Psychosomatic Medicine*, 25:303-333, 1963.
- BARBER, T. X.: Hypnotically hallucinated colors and their negative after-images. *American Journal of Psychology*, 77:313-318, 1964.
- BARBER, T. X.: Toward a theory of "hypnotic" behavior: Positive visual and auditory hallucinations. *Psychological Record*, 14:197-210, 1964.
- BARBER, T. X.: Hypnotizability, suggestibility, and personality: V. A critical review of research findings. *Psychological Reports*, 14:299-320, 1964.
- BARBER, T. X., and CALVERLEY, D. S.: "Hypnotic behavior" as a function of task motivation. *Journal of Psychology*, 54:363-389, 1962.
- BARBER, T. X., and CALVERLEY, D. S.: "Hypnotic-like" suggestibility in children and adults. *Journal of Abnormal and Social Psychology*, 66:589-597, 1963.
- BARBER, T. X., and CALVERLEY, D. S.: Toward a theory of hypnotic behavior: Effects on suggestibility of task motivating instructions and attitudes toward hypnosis. *Journal of Abnormal and Social Psychology*, 67:557-565, 1963.
- BARBER, T. X., and CALVERLEY, D. S.: The relative effectiveness of task-motivating instructions and trance-induction procedure in the production of "hypnotic-like" behaviors. *Journal of Nervous and Mental Disease*, 137:107-116, 1963.
- BARBER, T. X., and CALVERLEY, D. S.: Toward a theory of "hypnotic" behavior: An experimental study of "hypnotic" time distortion. *Archives of General Psychiatry*, 10:209-216, 1964.

- BARBER, T. X., and CALVERLEY, D. S.: Toward a theory of "hypnotic" behavior: Enforcement of strength and endurance. *Canadian Journal of Psychology*, 18:156-167, 1964.
- BARBER, T. X., and CALVERLEY, D. S.: An experimental study of "hypnotic" (auditory and visual) hallucinations. *Journal of Abnormal and Social Psychology*, 68:13-20, 1964.
- BARBER, T. X., and CALVERLEY, D. S.: Hypnotizability, suggestibility, and personality: III. A study using teachers' ratings of children's characteristics. *Journal of Psychology*, 57:275-280, 1964.
- BARBER, T. X., and CALVERLEY, D. S.: Hypnotizability, suggestibility, and personality: I. Two studies with Edwards Personal Preference Schedule, the Jourard Self-Disclosure Scale, and the Marlowe-Crowne Social Desirability Scale. *Journal of Psychology*, 58:215-222, 1964.
- BARBER, T. X., and CALVERLEY, D. S.: Hypnotizability, suggestibility and personality: II. Assessment of previous imaginative-fantasy experiences by the As, Barber-Glass, and Shor Questionnaires. *Journal of Clinical Psychology*, 21:57-58, 1965.
- BARBER, T. X., and HAHN, K. W., JR.: Physiological and subjective responses to pain producing stimulation under hypnotically suggested and waking-imagined "analgesia." *Journal of Abnormal and Social Psychology*, 65:411-418, 1962.
- BARBER, T. X., and HAHN, K. W., JR.: Hypnotic induction and "relaxation": An experimental study. *Archives of General Psychiatry*, 8:295-300, 1963.
- BARBER, T. X., KARACAN, I., and CALVERLEY, D. S.: "Hypnotizability" and suggestibility. *Archives of General Psychiatry*, 11:439-451, 1964.
- MH-4830 (R01) LANA, ROBERT E.: Order effects in persuasive communications. American University, Washington, D.C. (1961-62)
- LANA, R. E.: Interest media, and order effects in persuasive communications. *Journal of Psychology*, 56:9-13, 1963.
- LANA, R. E.: Controversy of the topic and the order of presentation in persuasive communications. *Psychological Reports*, 12:163-170, 1963.
- LANA, R. E.: Perception of social controversy in professors and college students. *Journal of Psychology*, 57:213-218, 1964.
- LANA, R. E.: Three theoretical interpretations of order effects in persuasive communications. *Psychological Bulletin*, 61:314-320, 1964.
- LANA, R. E., and ROSNOW, R. L.: Subject awareness and order effects in persuasive communications. *Psychological Reports*, 12:523-529, 1963.
- ROSNOW, RALPH L., and LANA, ROBERT E.: Complementary and competing-order effects in opinion change. *Journal of Social Psychology*, 66(2): 201-207, 1965.
- MH-4836 (R01) ROSSI, PETER H.: The measurement of interpersonal environments. National Opinion Research Center, Chicago, Ill. (1961-62)
- WALLACE, WALTER L.: Peer groups and student achievement: The college campus and its students. Report No. 91. Chicago, National Opinion Research Center, 1963. (Processed).
- WALLACE, W. L.: Institutional and life-cycle socialization of college freshmen. *American Journal of Sociology*, 70:303-318, 1964.
- MH-4840 (R01) MILLER, NORMAN, and BUTLER, DONALD C.: Intragroup interaction and reinforcement structure. Yale University, New Haven, Conn. (1961-63)
- BUTLER, DONALD C., and MILLER, NORMAN: "Power to reinforce" as a determinant of communication. *Psychological Reports*, 16(3) Part I: 705-709, 1965.
- MH-4842 (R01) SALZINGER, KURT, and ZUBIN, JOSEPH: Verbal behavior and its conditioning in schizophrenia. Columbia University, New York, N.Y. (1961-62) (Continued as MH-7477).
- HAMMER, M., and SALZINGER, K.: Some formal characteristics of schizophrenic speech as a measure of social deviance. *Annals of the New York Academy of Sciences*, 105:861-889, 1964. (Also acknowledges MH-4082).
- SALZINGER, K., and FELDMAN, R. S.: Verbal behavior of schizophrenic and normal subjects. *Annals of the New York Academy of Sciences*, 105: 845-860, 1964. (Also acknowledges MH-586, MH-1541, and MH-4443).
- SALZINGER, KURT, PORTNOY, STEPHANIE, and FELDMAN, RICHARD S.: Experimental manipulation of continuous speech in schizophrenic patients. *Journal of Abnormal and Social Psychology*, 68(5):508-516, 1964. (Also acknowledges MH-2785 and MH-1541).
- SALZINGER, K., PORTNOY, STEPHANIE, ZLOTOGURA, PHYLLIS, and KEISNER, R.: The effect of reinforcement on continuous speech and on plural nouns in grammatical context. *Journal of Verbal Learning and Verbal Behavior*, 1:477-485, 1963. (Also acknowledges MH-7477).
- MH-4844 (R01) WHYTE, WILLIAM F.: Human problems of industrial development in Peru. Cornell University, Ithaca, N.Y. (1961-63)

- WHYTE, WILLIAM F.: Culture, industrial relations, and economic development: The case of Peru. *Industrial and Labor Relations Review*, 16(4): 583-594, 1963.
- WHYTE, WILLIAM F., and GRACIELA, FLORES: Los Valores y el Crecimiento Economico en el Peru. Senati, (Lima, Peru), p. 7-23, 1963.
- MH-4847 (R01) ZUCKERMAN, MARVIN: Stress and hallucination in perceptual isolation. Brooklyn College of the City University of New York, Brooklyn, N.Y. (1961-62) (Continued as MH-6875).
- ZUCKERMAN, M., and COHEN, N.: Is suggestion the source of reported visual sensations in perceptual isolation? *Journal of Abnormal and Social Psychology*, 68:655-660, 1964. (Also acknowledges MH-6875).
- ZUCKERMAN, MARVIN, and COHEN, NATHAN: Sources of reports of visual and auditory sensations in perceptual isolation experiments. *Psychological Bulletin*, 62:1:20, 1964. (Also acknowledges MH-6875).
- ZUCKERMAN, MARVIN, KOLIN, ELIZABETH A., PRICE, LEAH, and ZOEB, INA: Development of a sensation-seeking scale. *Journal of Consulting Psychology*, 28(6):477-482, 1964.
- ZUCKERMAN, M., LEVINE, S., and BIASE, D. V.: Stress responses in total and partial perceptual isolation. *Psychosomatic Medicine*, 26:250-260, 1964. (Also acknowledges MH-6875).
- MH-4848 (R01) WILCOTT, ROBERT C.: Palmar sweating as an index of autonomic activity. Western Reserve University, Cleveland, Ohio. (1961- )
- WILCOTT, R. C.: Effects of exsanguination on sweating and skin potential responses. *Journal of Comparative and Physiological Psychology*, 55:1136-1137, 1962.
- WILCOTT, R. C.: Effects of high environmental temperature on sweating and skin resistance. *Journal of Comparative and Physiological Psychology*, 56:778-782, 1963.
- WILCOTT, R. C.: A comparative study of the skin potential, skin resistance and sweating of the cat's foot pad. *Psychophysiology*, 2(1):62-71, 1965.
- WILCOTT, R. C.: Adaptive value of arousal sweating and the epidermal mechanism related to skin potential and skin resistance. *Psychophysiology*, 2(3):249-262, 1966.
- WILCOTT, R. C., and HAMMOND, L. J.: On the constant-current error in skin resistance measurement. *Psychophysiology*, 2(1):39-41, 1965.
- MH-4849 (R01) DIAMOND, IRVING T.: Behavioral analysis of sensory neocortex. Duke University, Durham, N.C. (1961- )
- AXELROD, S., and DIAMOND, I. T.: Effects of auditory cortex ablation on ability to discriminate between stimuli presented to the two ears. *Journal of Comparative and Physiological Psychology*, 59: 79-89, 1965.
- BRICKSON, R. P., JANE, J. A., WAITE, R., and DIAMOND, I. T.: Single neuron investigation of somesthetic thalamus of the opossum. (Abstract) *Physiologist*, 6(3):177, 1963.
- DIAMOND, I. T., RANDALL, W., and SPRINGER, L.: Tactile localization in cats deprived of cortical areas SI and SII and the dorsal columns. *Psychonomic Science*, 1:261-262, 1964.
- BRICKSON, R. P., JANE, J. A., WAITE, R., and DIAMOND, I. T.: Single neuron investigation of somesthetic thalamus of the opossum. (Abstract) *Physiologist*, 6(3):177, 1963. Also in: *Journal of Neurophysiology*, 27:1026-1047, 1964.
- MASTERSON, R. B., and DIAMOND, I. T.: Effect of auditory cortex ablation on sound localization. (Abstract) *Federation Proceedings*, 22:578, 1963.
- MASTERSON, R. B., and DIAMOND, I. T.: Effects of auditory cortex ablation on discrimination of small binaural time differences. *Journal of Neurophysiology*, 27:15-36, 1964.
- RANDALL, W. L.: The behavior of cats with lesions in the caudal midbrain region. *Behaviour*, 21:1-33, 1964.
- RANDALL, WALTER L.: Generalization after frequency discrimination in cats with central nervous system lesions. In: Mostofsky, David I., ed. *Stimulus generalization*. Stanford, Calif., Stanford University Press, 1965, p. 134-153.
- MH-4850 (R01) GARCIA, JOHN, and BUCHWALD, NATHANIEL A.: Physiological basis of radiation-conditioned behavior. Long Beach State College, Long Beach, Calif. (1960-62)
- GARCIA, J., and BUCHWALD, N. A.: Note on Furchtgott's "Behavioral effects of ionizing radiations: 1955-61." *Psychological Bulletin*, 61:234-235, 1964.
- GARCIA, J., BUCHWALD, N. A., FEDER, B. H., and WAKEFIELD, C.: Habituation as a factor in radiation-conditioned behaviour. In: Staff of the International Atomic Energy Agency, eds. *Effects of ionizing radiation on the nervous system*. Vienna, Christoph Reisser'ssohne, 1962, p. 145-155.
- MH-4852 (R01) MANDLER, GEORGE, and MANDLER, JEAN M.: Integration and interruption of response sequences. University of Toronto, Toronto, Can. (1961-64)

- MANDLER, G.: Emotion. In: Brown, R. W., Galanter, E., Hess, E., and Mandler, G., eds. *New directions in psychology*. New York, Holt, Rinehart & Winston, 1962.
- MANDLER, G.: From association to structure. *Psychological Review*, 69:415-427, 1962.
- MANDLER, G.: An analysis of human emotion. In: *Series research in social psychology, symposia studies series no. 16*. Washington, D.C., National Institute of Social and Behavioral Sciences, 1963.
- MANDLER, G., and MANDLER, JEAN M.: Associative behavior and somatic response. *Canadian Journal of Psychology*, 16:331-343, 1962. (Also acknowledges MH-2442).
- MH-4853 (R01) O'KELLY, LAWRENCE I.: Drive intensity factor in thirst motivated behavior. University of Illinois, Urbana, Ill. (1961- )
- HATTON, GLENN I., and O'KELLY, LAWRENCE I.: The effects of maintenance diet on adaptation to food or water deprivation schedules in the rat. *Psychonomic Sciences*, 3(7):267-268, 1965.
- O'KELLY, LAWRENCE I.: The psychophysiology of motivation. *Annual Review of Psychology*, 14: 57-92, 1963.
- O'KELLY, LAWRENCE I., CROW, LOWELL T., TAPP, JACK T., and HATTON, GLENN I.: Water regulation in the rat: Drive intensity and fixed ratio responding. *Journal of Comparative and Physiological Psychology*, 61(2):194-197, 1966.
- O'KELLY, LAWRENCE I., HATTON, GLENN I., TUCKER, LINDA, and WESTALL, D'ANNE: Water regulation in the rat: Heart rate as a function of hydration, anesthesia, and association with reinforcement. *Journal of Comparative and Physiological Psychological Psychology*, 59(2):159-165, 1965.
- MH-4855 (R01) NEWMAN, BERTHA L.: Studies of the septal area. University of Southern California, Los Angeles, Calif. (1961- )
- ROCH, A. R., RANCK, J. B., and NEWMAN, B. L.: Ionic content of glial cells. (Abstract) *Physiologist*, 4:59, 1961.
- NEWMAN, BERTHA L., and FELDMAN, S. M.: Electrophysiological activity accompanying intracranial self-stimulation. *Journal of Comparative and Physiological Psychology*, 57(2):244-247, 1964.
- MH-4859 (R01) SANDLER, MERTON: Alternative pathways of 5-hydroxyindole metabolism. Bernhard Baron Memorial Research Laboratories, London, U.K. (1961-62)
- SANDLER, M., RUTHVEN, C. R. J., CONTRACTOR, S. F., WOOD, C., BOOTH, R. T., and PINKERTON, J. H. M.: Transmission of noradrenaline across the human placenta. *Nature*, 197:598, 1963.
- SANDLER, M., RUTHVEN, C. R. J., and WOOD, C.: Metabolism of  $C_{11}$ -noradrenaline and  $C_{14}$ -adrenaline and their transmission across the human placenta. *International Journal of Neuropharmacology*, 3:123-128, 1964.
- MH-4867 (R17) EICHLER, MYRON F.: Altered biochemical pathways and behavioral patterns. University of Maryland, Baltimore, Md. (1961-64)
- EICHLER, MYRON: Psychological changes associated with induced hyperammonemia. *Science*, 144:886-888, 1964.
- EICHLER, MYRON, and BESSMAN, SAMUEL: A double-blind study of the effect of ammonium infusion on psychological functioning in cirrhotic patients. *Journal of Nervous and Mental Disease*, 134:539-542, 1962. (Also acknowledges MH-3644).
- EICHLER, MYRON F., and NORMAN, JANET: Repeated use of the Bender Gestalt Test in a study of an induced toxic state. *Perceptual and Motor Skills*, 20(3)Part 2:1033-1036, 1965. (Also acknowledges MH-4137).
- MH-4870 (R17) OFFER, DANIEL: Borderline adolescent. Michael Reese Hospital and Medical Center, Chicago, Ill. (1961-64)
- FALSTEIN, EUGENE I., and OFFER, DANIEL: Adolescent therapy. In: Abt, L. E., and Riess, B. F., eds. *Progress in clinical psychology*. Vol. 5. New York, Grune & Stratton, 1963, p. 60-73.
- FINK, PAUL, and OFFER, DANIEL: Periodic outbursts of antisocial behavior. *Archives of General Psychiatry*, 13(3):240-254, 1965. (Also acknowledges MH-5519).
- OFFER, D., and SABSHIN, M.: The psychiatrist and the normal adolescent. *Archives of General Psychiatry*, 9:427-432, 1963.
- OFFER, D., SABSHIN, M., and MARCUS, D.: Clinical evaluation of normal adolescents. *American Journal of Psychiatry*, 121(9):864-872, 1965.
- MH-4872 (R01) BREG, W. ROY, MILLER, ORLANDO J., and YANNET, HERMAN: Cytogenetic studies in mental retardation. Southbury Training School, Southbury, Conn.
- BREG, W. R.: Genetic aspects of mental retardation. *Quarterly Review of Pediatrics*, 17:9-23, 1962. (Also acknowledges MH-4386).
- BREG, W. R., MILLER, O. J., and SCHMICKEL, R. D.: Chromosomal translocations in patients with mongolism and in their normal relatives. *New England Journal of Medicine*, 266:845-852, 1962. (Also acknowledges MH-4386).
- MILLER, O. J., BREG, W. R., MUKHERJEE, B. B., VAN N. GAMBLE, A., and CHRISTAKOS, A. C.: Non-random distribution of chromosomes in meta-

- MILLER, O. J., MUKHERJEE, B. B., BREG, W. R., and VAN N. GAMBLE, A.: Non-random distribution of chromosomes in metaphase figures from cultured human leukocytes. 1. The peripheral location of the Y chromosome. *Cytogenetics*, 2: 1-14, 1963.
- MH-4881 (R01) BECKER, WESLEY C., and SHANNON, DONALD T.: Longitudinal study of parent-child relationships. University of Illinois, Urbana, Ill. (1961-65)
- BECKER, W. C.: Consequences of different kinds of parental discipline. In: Hoffman, M., ed. *Review of child development research*. Vol. 1. New York, Russell Sage Foundation, 1964, p. 169-208.
- BECKER, W. C., and KRUG, R. S.: A circumplex model for social behavior in children. *Child Development*, 35:371-396, 1964.
- BECKER, WESLEY C., and KRUG, RONALD S.: The parent attitude research instrument—A research interview. *Child Development*, 36(2):329-365, 1965.
- MH-4889 (R01) TALLAND, GEORGE A.: Aging and the selection of information. Harvard Medical School, Boston, Mass. (1961-64)
- TALLAND, GEORGE A.: Effect of aging on the formation of sequential and spatial concepts. *Perceptual and Motor Skills*, 13:210, 1961.
- TALLAND, GEORGE A.: The effect of warning signals on reaction time in youth and old age. *Journal of Gerontology*, 19:31-38, 1964.
- MH-4890 (R01) MILES, RAYMOND C.: Modes of arousal and discrimination efficiency. University of Alberta, Edmonton, Can. (1961-62)
- MILES, RAYMOND C.: Discrimination-learning sets. In: Schrier, Allan M., Harlow, Harry F., and Stollnitz, Fred, eds. *Behavior of nonhuman primates*. Vol. 1. New York, Academic Press, 1965, p. 51-95.
- MILES, RAYMOND C.: Effectiveness of deprivation, incentive quality, and number of reinforcements after numerous reconditionings. *Journal of Comparative and Physiological Psychology*, 60(3): 460-463, 1965.
- MH-4894 (R03) UHL, CHARLES N.: A preliminary study of multiple-stimulus learning. University of Alberta, Edmonton, Canada. (1961-62)
- UHL, C. N.: Learning of interval concepts. I. The effects of differences in stimulus weights. *Journal of Experimental Psychology*, 61:1-14, 1963.
- BLOCK, JAMES D.: Stimulus discrimination among autonomic measures: Individual and group characteristics. *Psychosomatic Medicine*, 27(3):212-228, 1965.
- BLOCK, J. B., and ESSMAN, W. B.: Psychology. Growth hormone administration during pregnancy: A behavioural difference in offspring rats. *Nature*, 205(4976):1136-1137, 1965. (Also acknowledges MH-6010).
- MH-4912 (R01) SALISBURY, RICHARD F.: Social factors in New Guinea economic changes. University of California, Berkeley, Calif. (1961-62)
- SALISBURY, RICHARD F.: Notes on bilingualism and linguistic change in New Guinea. *Anthropological Linguistics*, 4(7):1-13, 1962.
- SALISBURY, R. F.: Despotism and Australian administration in the New Guinea Highlands. *American Anthropologist*, 66: Part 2, 225-239, 1964.
- SALISBURY, RICHARD F.: Changes in land use and tenure among the Siamese of the New Guinea highlands 1952-1961. *Pacific Viewpoint*, 5:1-10, 1964.
- MH-4915 (R01) MILLER, ARNOLD, and MILLER, BILEEN R.: Intermodal perception project. Montana State University, Missoula, Mont. (1961-64)
- DUNNELL, G., OWENS, KATHERINE, and MILLER, A.: Effect of patterned auditory stimulation on autokinetic motion. *Perceptual and Motor Skills*, 18:311-312, 1964.
- FUNK, C., and MILLER, A.: A figure-ground illusion as related to configuration and prior experience. *Perceptual and Motor Skills*, 13:233-234, 1961.
- MILLER, A.: Verbal satiation and the role of concurrent activity. *Journal of Abnormal and Social Psychology*, 66(3):206-212, 1963. (Also acknowledges MH-348).
- MILLER, A.: Sex differences related to the effect of auditory stimulation on the stability of visually fixated forms. *Perceptual and Motor Skills*, 16: 589-594, 1963.
- MILLER, A., and KEMP, E.: Personality style and perceptual reactivity to the immediate environment. *Journal of Abnormal and Social Psychology*, 65(5):333-337, 1962.
- MH-4916 (R01) JACKSON, DONALD D., and RISKIN, JULES: Methodology for analyzing family

- interaction. Palo Alto Medical Research Foundation. Palo Alto, California. (1961-64)
- JACKSON, DON D.: Family rules. *Archives of General Psychiatry*, 12(6):589-594, 1965.
- JACKSON, DONALD D.: The study of the family. *Family Process*, 4(1):1-18, 1965.
- JACKSON, DONALD D.: Conjoint family therapy. *Modern Medicine*, p. 172-198, May 24, 1965.
- JACKSON, DONALD D., RISKIN, J., and SATIR, V.: A method of analysis of a family interview. *Archives of General Psychiatry*, 5:321-339, 1961.
- RISKIN, JULES J.: Methodology of studying family interaction. *Archives of General Psychiatry*, 8:343-348, 1963.
- RISKIN, JULES: Family interaction scales. A preliminary report. *Archives of General Psychiatry*, 11:484-495, 1964.
- TERRILL, JAMES M., and TERRILL, RUTH B.: A method for studying family communication. *Family Process*, 4(2):259-290, 1965.
- MH-4918 (R01) SASSENATH, JULIUS M.: Test anxiety and complex learning. Indiana University, Bloomington, Ind. (1961-64)
- SASSENATH, J. M.: Test anxiety, manifest anxiety, and concept learning without awareness. *Psychological Reports*, 12:71-81, 1963.
- SASSENATH, J. M.: Manifest anxiety and transfer of complex learning. *Psychological Reports*, 12:913-914, 1963.
- SASSENATH, J. M.: A factor analysis of rating scale items on the test anxiety questionnaire. *Journal of Consulting Psychology*, 28:371-377, 1964.
- SASSENATH, J. M., and KIGHT, H. R.: Anxiety, anxiety reduction and motivating instructions in human learning and performance. *Psychological Reports*, 16:243-250, 1965.
- SASSENATH, J. M., KIGHT, H. R., and ATHEY, I.: Verbal learning and anxiety drive. *Psychological Reports*, 15:379-386, 1964.
- SASSENATH, JULIUS M., KIGHT, HOWARD R., and KAISER, HENRY F.: Relating factors from anxiety scales between two samples. *Psychological Reports*, 17(2):407-416, 1965.
- MH-4920 (R01) FINGER, FRANK W., and REID, L. STARLING: Experimental analysis of drive indices. University of Virginia, Charlottesville, Va. (1961- )
- FALLON, DANIEL: Effects of cyclic deprivation upon consummatory behavior: The role of deprivation history. *Journal of Comparative and Physiological Psychology*, 60(2):283-287, 1965.
- FALLON, D.: Eatometer: A device for continuous recording of free-feeding behavior. *Science*, 148(3672):977-978, 1965.
- FALLON, DANIEL, THOMPSON, DONALD M., and SCHILD, MARY E.: Concurrent food- and water-reinforced responding under food, water, and food-plus-water deprivation. *Psychological Reports*, 16(3)Part II:1305-1311, 1965.
- FINGER, FRANK W.: Effect of food deprivation on running-wheel activity in naive rats. *Psychological Reports*, 16(3)Part I:753-757, 1965.
- THOMPSON, DONALD M.: Punishment by  $S^d$  associated with fixed-ratio reinforcement. *Journal of the Experimental Analysis of Behavior*, 8(3):189-194, 1965.
- WRIGHT, JOHN H.: Modifications in the rat's diurnal activity pattern as a function of opportunity for reinforcement by ingestion. *Journal of Comparative and Physiological Psychology*, 59(3):463-465, 1965.
- WRIGHT, JOHN H.: Test for a learned drive based on the hunger drive. *Journal of Experimental Psychology*, 70(6):580-584, 1965.
- WRIGHT, JOHN H.: The rat's adjustment to repeated exposure to 72-hour food deprivation. *Psychological Reports*, 17(2):467-472, 1965.
- MH-4925 (R01) AZRIN, NATHAN H.: Aggressive and avoidant reactions to aversive stimuli. Anna State Hospital, Anna, Ill. (1961- )
- AZRIN, H., HAKE, D. F., HOLZ, W. C., and HUTCHINSON, R. R.: Motivational aspects of escape from punishment. *Journal of the Experimental Analysis of Behavior*, 8(1):31-44, 1965.
- AZRIN, N. H., HAKE, D. F., and HUTCHINSON, R. R.: Elicitation of aggression by a physical blow. *Journal of the Experimental Analysis of Behavior*, 8(1):55-57, 1965.
- AZRIN, N. H., HOLZ, W. C., and HAKE, D.: Intermittent reinforcement by removal of a conditioned aversive stimulus. *Science*, 136:781-782, 1962.
- AZRIN, N. H., HOLZ, W. C., and HAKE, D. F.: Fixed-ratio punishment. *Journal of the Experimental Analysis of Behavior*, 6:141-148, 1963.
- AZRIN, N. H., HOLZ, W. C., HAKE, D. F., and AYLON, T.: Fixed-ratio escape reinforcement. *Journal of the Experimental Analysis of Behavior*, 6:449-456, 1963.
- AZRIN, N. H., HUTCHINSON, R. R., and HAKE, D. F.: Pain-induced fighting in the squirrel monkey. *Journal of the Experimental Analysis of Behavior*, 6:620, 1963.
- AZRIN, N. H., HUTCHINSON, R. R., and McLAUGHLIN, R.: The opportunity for aggression as an operant reinforcer during aversive stimulation.

- AZRIN, N. H., HUTCHINSON, R. R., and SALLERY, B.: Pain-aggression toward inanimate objects. *Journal of the Experimental Analysis of Behavior*, 7:223-228, 1964.
- AZRIN, N. H., ULRICH, R. E., HUTCHINSON, R. R., and NORMAN, D. G.: Effect of shock duration on shock-induced fighting. *Journal of the Experimental Analysis of Behavior*, 7:9-11, 1964.
- HAKKE, D. F., and AZRIN, N. H.: An apparatus for delivering pain shock to monkeys. *Journal of the Experimental Analysis of Behavior*, 6:297-298, 1963.
- HAKKE, D. F., and AZRIN, N. H.: Conditioned punishment. *Journal of the Experimental Analysis of Behavior*, 8(5):279-293, 1965.
- HERMAN, R. L., and AZRIN, N. H.: Punishment by noise in an alternative response situation. *Journal of the Experimental Analysis of Behavior*, 7:185-188, 1964.
- HOLZ, W. C., and AZRIN, N. H.: Interactions between the discriminative and aversive properties of punishment. *Journal of the Experimental Analysis of Behavior*, 5:229-234, 1962.
- HOLZ, W. C., and AZRIN, N. H.: Recovery during punishment by intense noise. *Psychological Reports*, 11:655-657, 1962.
- HOLZ, W. C., and AZRIN, N. H.: A comparison of several procedures for eliminating behavior. *Journal of the Experimental Analysis of Behavior*, 6:399-406, 1963.
- HOLZ, W. C., AZRIN, N. H., and ULRICH, R. E.: Punishment of temporally spaced responding. *Journal of the Experimental Analysis of Behavior*, 6:115-122, 1963.
- HUTCHINSON, R. R., ULRICH, R. E., and AZRIN, N. H.: Effects of age and related factors on the pain-aggression reaction. *Journal of Comparative and Physiological Psychology*, 59(3):365-369, 1965.
- ULRICH, R. G., and AZRIN, N. H.: Reflexive fighting response to aversive stimulation. *Journal of the Experimental Analysis of Behavior*, 5:511-520, 1962.
- ULRICH, R. E., HOLZ, W. C., and AZRIN, N. H.: Stimulus control of avoidance behavior. *Journal of the Experimental Analysis of Behavior*, 7:129-133, 1964.
- ULRICH, R. E., HUTCHINSON, R. R., and AZRIN, N. H.: Pain-elicited aggression. *Psychological Records*, 15:111-126, 1965.
- ULRICH, ROGER E., WOLFF, PETER C., and AZRIN, NATHAN H.: Shock as an elicitor of intra- and
- MH-4926 (R01) AZRIN, NATHAN H., AYLLON, TEODORO, and HOLZ, WILLIAM C.: Conditioning verbal behavior of mental patients. Anna State Hospital, Anna, Ill. (1961- )
- AYLLON, T., and AZRIN, N. H.: Reinforcement and instructions with mental patients. *Journal of the Experimental Analysis of Behavior*, 7(4):327-331, 1964.
- AYLLON, T., and AZRIN, N. H.: The measurement and reinforcement of behavior of psychotics. *Journal of the Experimental Analysis of Behavior*, 8(6):357-383, 1965.
- HOLZ, W. C., AZRIN, N. H., and AYLLON, T.: Elimination of behavior of mental patients by response-produced extinction. *Journal of Experimental Analysis of Behavior*, 6:407-412, 1963.
- MH-4927 (R01) BARTOSHUK, ALEXANDER K.: Human neonatal habituation and conditioned arousal. Brown University, Providence, R.I. (1961-64)
- BARTOSHUK, ALEXANDER K.: Human neonatal cardiac acceleration to sound: Habituation and dishabituation. *Perceptual and Motor Skills*, 15:15-27, 1962.
- BARTOSHUK, A. K., and TENNANT, J. M.: Human neonatal EEG correlates of sleep-wakefulness and neural maturation. *Journal of Psychiatric Research*, 2:73-83, 1964.
- MH-4934 (R17) PRANGE, ARTHUR J., JR.: Criteria for effective treatment of depression. University of North Carolina, Chapel Hill, N.C. (1961-64)
- ELLINWOOD, EVERETT H., JR., and PRANGE, ARTHUR J., JR.: The effect of epinephrine on pentobarbital sleeping time of mice with altered thyroid status. *Nature*, 20:305-306, 1964.
- HAMBY, GEORGE A., PRANGE, ARTHUR J., JR., LIPTON, MORRIS A., and COCHRANE, CARL M.: Physiologic variations of a tyramine-like substance in human saliva. *Journal of Nervous and Mental Diseases*, 137(5):487-493, 1963.
- MCKINNEY, WILLIAM T., PRANGE, ARTHUR J., JR., and COCHRANE, CARL M.: The Achilles reflex in an unselected psychiatric population. *American Journal of Psychiatry*, 120:1108-1110, 1964.
- PRANGE, A. J., JR.: Paroxysmal auricular tachycardia apparently resulting from combined thyroid-tyramine treatment. *American Journal of Psychiatry*, 119(10):994-995, 1963.
- PRANGE, A. J., JR.: Recent advances in therapeutics: Psychoactive drugs. *North Carolina Medical Journal*, 24(2):63-66, 1963.



- PRANGE, A. J., JR.: The pharmacology and biochemistry of depression. *Diseases of the Nervous System*, 25:217-221, 1964.
- PRANGE, A. J., JR., and LIPTON, MORRIS A.: Enhancement of imipramine mortality in hyperthyroid mice. *Nature*, 196(4854):588-589, 1962.
- PRANGE, ARTHUR J., JR., and LIPTON, MORRIS A.: Effects of propylthiouracil and thyroid feedings on the response of mice to injected convulsant barbiturate. *Nature*, 208(5012):791-792, 1965.
- PRANGE, ARTHUR J., LIPTON, MORRIS A., and LOVE, G.: Diminution of imipramine mortality in hypothyroid mice. *Nature*, 197(4873):1212-1213, 1963. (Also acknowledges MH-1870).
- PRANGE, A. J., JR., PUSTROM, EINAR, and COCHRANE, CARL M.: Imipramine enhancement of norepinephrine in normal humans. *Psychiatry Digest*, 25(1):27-40, 1964.
- PRANGE, A. J., JR., and VITOLS, M. M.: Cultural aspects of the relatively low incidence of depression in southern negroes. *International Journal of Social Psychiatry*, 8(2):104-112, 1962.
- PUSTROM, EINAR, PRANGE, A. J., JR., and COCHRANE, CARL M.: Epinephrine blocking and WY-3041: A comment on the measurement of blood pressure reactivity. *Journal of Clinical and Experimental Psychopathology and Quarterly Review of Psychiatry and Neurology*, 23(2):99-105, 1962.
- WIDMANN, FRANCES K., PRANGE, ARTHUR J., JR., and BAKEWELL, WILLIAM E.: Variable density of silver-stained fibrils in the myocardium. *Nature*, 209(5029):1253-1254, 1966.
- MH-4944 (R01) BAUGHMAN, EMMETT E., DAHLSTROM, W. GRANT, and ROBINSON, HALBERT: Personality development of southern rural children. University of North Carolina, Chapel Hill, N.C. (1961- )
- BUTCHER, JAMES NEAL: Manifest aggression: MMPI correlates in normal boys. *Journal of Consulting Psychology*, 29(5):446-454, 1965.
- BUTCHER, JAMES NEAL, and MESSICK, DAVID M.: Parent-child profile similarity and aggression: A preliminary study. *Psychological Reports*, 18(2):440-442, 1966.
- MH-4952 (R01) BROWN, JUDSON S.: Experimental masochism and allied phenomena. University of Florida, Gainesville, Fla. (1961-62) (Continued as MH-6900).
- BROWN, J. S., and BELLONI, MARIGOLD: Performance as a function of deprivation time following periodic feeding in an isolated environment. *Journal of Comparative and Physiological Psychology*, 56:105-110, 1963. (Also acknowledges MH-6900).
- BROWN, J. S., MARTIN, R. C., and MORROW, M.: Self-punitive behavior in the rat: Facilitative effects of punishment on resistance to extinction. *Journal of Comparative and Physiological Psychology*, 57:127-133, 1964. (Also acknowledges MH-6900).
- MARTIN, R. CHRIS: Resistance to extinction of an escape response as a function of the number of reinforcements. *Psychonomic Science*, 4(7):275-276, 1966.
- MELVIN, K. B., and BROWN, J. S.: Neutralization of an aversive light stimulus as a function of number of paired presentations with food. *Journal of Comparative and Physiological Psychology*, 58:350-353, 1964. (Also acknowledges MH-6900).
- WIFF, JOHN LEE: Positive and negative gradients of response strength in a temporal conflict situation. *Journal of Experimental Psychology*, 67:234-241, 1964. (Also acknowledges MH-2721 and MH-6900).
- MH-4953 (R01) KOELLA, WERNER P., and BERGEN, JOHN R.: Action of plasma proteins and psychotogens. Worcester Foundation for Experimental Biology, Shrewsbury, Mass. (1961-65)
- KOELLA, WERNER P., BEAULIEU, R. F., and BERGEN, J. R.: Effect of LSD-25 on the walking activity and pattern in the goat. (Abstract) *Federation Proceedings*, 22 Part 1:627, 1963.
- SCHARPPI, U., and RUBIN, P. H.: Effects of chlorpromazine upon induced periods of tonic immobility in rabbits. *International Journal of Neuropsychiatry*, 1(1):71-75, 1965. (Also acknowledges MH-2211).
- MH-4956 (R01) ORDY, JOSEPH M., COLLINS, ROBERT L., FOX, BERNARD H., and SAMORAJSKI, THADDEUS: Effects of prenatal chlorpromazine on offspring. Cleveland Psychiatric Institute and Hospital, Cleveland, Ohio. (1961- )
- ORDY, J. M., LATANICK, A., JOHNSON, R., and MASSOPUST, L. C., JR.: Chlorpromazine effects on pregnancy and offspring in mice. *Proceedings of the Society for Experimental Biology and Medicine*, 113:833-836, 1963.
- SAMORAJSKI, T., ROISTEN, C., and ORDY, J. M.: A simplified method for determinations of serum leucine aminopeptidase. *American Journal of Clinical Pathology*, 38:645-650, 1962.
- MH-4957 (R10) USDIN, EARL, GLASKY, ALVIN J., GRINKER, ROY R.: Drug effects on metabolic patterns in schizophrenia. Michael Reese Hospital and Medical Center, Chicago, Ill. (1961-62)
- GLASKY, ALVIN J.: Effects of chlorpromazine and physical activity on brain protein metabolism "in

- vivo." (Abstract) *Federation Proceedings*, 22(2) Part I:272, 1963.
- MH-4958 (R01) FLACH, FREDERIC F., and BURRELL, CRAIG D.: Effect of imipramine and ECT on calcium in depression. Cornell University, New York, N.Y. (1961-65)
- FLACH, F. F.: Calcium metabolism in states of depression. *British Journal of Psychiatry*, 110: 588-593, 1964.
- FLACH, FREDERIC F., and LIANG, EDWARD: The operation of a metabolic unit in psychiatry. *Journal of Nervous and Mental Disease*, 137:51-57, 1963.
- MH-4961 (R01) WEITZMAN, ELLIOT D.: Behavioral method for study of aversive stimuli. Yeshiva University, New York, N.Y. (1961- )
- KRIPKE, DANIEL F., WEITZMAN, ELLIOT D., and POLLACK, CHARLES: Attempts to induce the rapid eye movement stage of sleep in *Macaca mulatta* by brain stem stimulation. *Psychophysiology*, 2(2):132-140, 1965.
- MH-4968 (R01) ELLIS, ROBERT A.: Social mobility, role stress, and college success. University of Oregon, Eugene, Ore. (1961-65)
- ELLIS, ROBERT A., and LANE, W. CLAYTON: Structural supports for upward mobility. *American Sociological Review*, 28(5):743-756, 1963.
- ELLIS, ROBERT A., LANE, W. CLAYTON, and OLSEN, VIRGINIA: The index of class position: An improved intercommunity measure of stratification. *American Sociological Review*, 28(2):271-277, 1963.
- MH-4975 (R01) COLBY, BENJAMIN N.: Cross-cultural study of value categories. Harvard University, Cambridge, Mass. (1961-63)
- COLBY, B. N., COLLIER, GEORGE A., and POSTAL, SUSAN K.: Comparison of themes in folktales by the general inquirer system. *Journal of American Folklore*, 76(302):318-323, 1963.
- EDWARDS, A. L., and WALSH, J. A.: The relationship between the intensity of the social desirability keying of a scale and the correlation of the scale with Edwards' SD scale and the first factor loading of the scale. *Journal of Clinical Psychology*, 19:200-203, 1963.
- POSTAL, S. K.: Body-image and identity: A comparison of Kwakiutl and Hopi. *American Anthropologist*, 67(2):455-462, 1965.
- MH-4977 (R01) HAMMOND, KENNETH R., PETERSON, CAMERON R., and TODD, FREDERICK J.: Clinical inference and cognitive processes. University of Colorado, Boulder, Colo. (1961-64)
- HAMMOND, K. R., HURSCH, C. J., TODD, F. J.: Analyzing the components of clinical inference. *Psychological Review*, 71(6):438-456, 1964.
- HAMMOND, KENNETH R., and SUMMERS, DAVID A.: Cognitive dependence on linear and nonlinear cues. *Psychological Review*, 72(3):215-224, 1965.
- HURSCH, CAROLYN, HAMMOND, K. R., and HURSCH, J.: Some methodological considerations in multiple-cue probability studies. *Psychological Review*, 71:42-60, 1964.
- PETERSON, CAMERON R., HAMMOND, KENNETH R., and SUMMERS, DAVID A.: Optimal responding in multiple-cue probability learning. *Journal of Experimental Psychology*, 70(3):270-276, 1965.
- PETERSON, C., and MILLER, A.: Mode, median, and mean as optimal strategies. *Journal of Experimental Psychology*, 68(4):363-367, 1964.
- PETERSON, CAMERON R., and MILLER, ALAN J.: Sensitivity of subjective probability revision. *Journal of Experimental Psychology*, 70(1):117-121, 1965.
- PETERSON, C. R., SCHNEIDER, R. J., and MILLER, A. J.: Sample size and the revision of subjective probabilities. *Journal of Experimental Psychology*, 69(5):522-527, 1965.
- PETERSON, C. R., and ULEHLA, Z. J.: Uncertainty, inference difficulty, and probability learning. *Journal of Experimental Psychology*, 67:523-530, 1964.
- PETERSON, C. R., ULEHLA, Z. J., and LEHMAN, R. S.: Function order and paired-associate learning. *Journal of Experimental Psychology*, 69(2): 119-120, 1965.
- PETERSON, CAMERON R., ULEHLA, Z. J., MILLER, ALAN J., BOURNE, LYLE E., JR., and STILSON, DONALD W.: Internal consistency of subjective probabilities. *Journal of Experimental Psychology*, 70(5):526-533, 1965.
- TODD, FREDERICK J., and HAMMOND, KENNETH R.: Differential feedback in two multiple-cue probability learning tasks. *Behavioral Science*, 10(4): 429-435, 1965.
- MH-4978 (R01) FOSMIRE, FREDERICK R.: Further studies in deviant verbal behavior. University of Oregon, Eugene, Ore. (1961-63)
- FOSMIRE, F. R.: Clustering as a function of associative commonality. *American Journal of Psychology*, 78(1):39-47, 1965.
- FOSMIRE, F. R., and TRYK, H. EDWARD: Word association: Common and original response. *Science*, 139:415-416, 1963. (Also acknowledges MH-3841).

- MH-4982 (R01) MILLER, FRANK C.: Equilibrium processes in acculturation. Carleton College, Northfield, Minn. (1961-64)
- MILLER, FRANK C., and CAULKINS, D. DOUGLAS: Chippewa adolescents: A changing generation. *Human Organization*, 23:150-159, 1964.
- MH-4987 (R01) BERRY, RICHARD N.: Skin conductance levels and verbal performance. Indiana University, Bloomington, Ind. (1961-64)
- BERRY, R. N.: Response interference vs. stimulus interference in rote learning. *Perceptual and Motor Skills*, 13:135-138, 1961.
- BERRY, R. N.: Task difficulty, performance, and skin conductance levels. *Perceptual and Motor Skills*, 15:474, 1962.
- BERRY, R. N.: Effect of two reinforcement ratios on human skin conductance levels. *Psychological Reports*, 10:15-18, 1962.
- MH-4988 (R01) WOLFE, JOHN B., and CROWDER, WILLIAM: Extinction of secondary reinforcement. University of Mississippi, University, Miss. (1961-64)
- CROWDER, W. F., and WILKES, W. P.: An easily constructed rat lever. *Journal of the Experimental Analysis of Behavior*, 7(4):292, 1964.
- CROWDER, W. F., WILKES, W. P., and HUNEYCUTT, B. D.: Simple motor-driven device for feeding and watering animals. *Journal of the Experimental Analysis of Behavior*, 7(4):313-314, 1964.
- CROWDER, W. F., WILKES, W. P., and HUNEYCUTT, B. D.: A compact easily constructed water dipper for rats. *Journal of the Experimental Analysis of Behavior*, 7(4):322, 1964.
- HUNEYCUTT, B. D., CROWDER, W. F., and WILKES, W. P.: An inexpensive retracting rat lever. *Journal of Experimental Analysis of Behavior*, 7(4):332, 1964.
- MH-4989 (R01) ELLSON, DOUGLAS G.: Machine teaching of reading to retarded children. Indiana University, Bloomington, Ind. (1961-64)
- ELLSON, D. G.: Programmed learning of elementary reading. In: Selected convention papers, 40th Annual CEC Convention, Columbus, Ohio, April 24-28, 1962. Washington, D.C., Council for Exceptional Children, National Education Association, 1962. (Also acknowledges MH-4786).
- MH-4991 (R01) DAVENPORT, JOHN W.: Free response variations in discrete trial learning. Amherst College, Amherst, Mass. (1961-62)
- DAVENPORT, JOHN W.: The multipurpose psychological laboratory at Amherst College. *American Journal of Psychology*, 76:694-697, 1963.
- DAVENPORT, JOHN W.: Instrumental runway performance as a function of temporal distribution of reinforcement. *Journal of Comparative and Physiological Psychology*, 57(2):205-210, 1964.
- DAVENPORT, JOHN W.: Higher-order conditioning of fear (CER). *Psychonomic Science*, 4(1):27-28, 1966.
- MH-4993 (R01) GLEITMAN, HENRY: Retention and interference processes. Swarthmore College, Swarthmore, Pa. (1961-63)
- GLEITMAN, HENRY, and BERNHEIM, JOSEPH W.: Retention of fixed-interval performance in rats. *Journal of Comparative and Physiological Psychology*, 56:839-841, 1963.
- GLEITMAN, HENRY, and JUNG, LOUISE: Retention in rats: The effect of proactive interference. *Science*, 142:1683-1684, 1963.
- GLEITMAN, HENRY, and STEINMAN, FREDDA: Retention of runway performance as a function of proactive interference. *Journal of Comparative and Physiological Psychology*, 56:834-838, 1963.
- GLEITMAN, HENRY, and STEINMAN, FREDDA: Depression effect as a function of retention interval before and after shift in reward magnitude. *Journal of Comparative and Physiological Psychology*, 57:158-160, 1964.
- GLEITMAN, HENRY, STEINMAN, FREDDA, and BERNHEIM, JOSEPH W.: Effect of prior interference upon retention of fixed-interval performance in rats. *Journal of Comparative and Physiological Psychology*, 59(3):461-462, 1965.
- GLEITMAN, HENRY, WILSON, W. A., JR., HERMAN, MAGDALENA M., and RESCORLA, ROBERT A.: Massing and within-delay position as factors in delayed-response performance. *Journal of Comparative and Physiological Psychology*, 56:445-451, 1963. (Also acknowledges MH-4472).
- MH-4996 (R01) HUNSAKER, DON, II: Behavioral genetic isolation of coextensive species. San Diego State College, San Diego, Calif. (1961-64)
- HUNSAKER, D., II, and HAHN, T. C.: Vocalization of the South American tapir, *tapirus terrestris*. *Animal Behaviour*, 13(1):69-74, 1965.
- MH-4998 (R01) SODDY, KENNETH, and AHRENFELDT, ROBERT H.: International interprofessional study group—June 1961. World Federation for Mental Health, London, U.K. (1961-62)
- SODDY, KENNETH: Mental health in international perspective. A report on the WFMH international study group, Roffey Park, June 1961. Proceedings of the 6th International Congress on Mental Health, Paris. *Excerpta Medica International Congress Series*, No. 45:148-155, 1961.

- SODDY, KENNETH, and AHRENFELDT, ROBERT H., eds. *Mental health in a changing world*. Vol. 1. London, Tavistock, 1965, 192 p.
- WORLD FEDERATION FOR MENTAL HEALTH: *Mental health in international perspective*. London, Vernon Lock, 1961, 84 p.
- MH-5009 (R01) ARENS, RICHARD, and BELKNAP, GEORGE MYRON: Criminal law and psychiatry. Washington School of Psychiatry, Washington, D.C. (1961-64)
- ARENS, RICHARD: Due process and the rights of the mentally ill. *Catholic University Law Review*, 12:3-38, 1964.
- SALZMAN, LEON: Psychiatric interviews as evidence: The role of the psychiatrist in court—some suggestions and case histories. *George Washington Law Review*, 30:853-874, 1962.
- MH-5010 (R01) PRYLES, CHARLES V., and BIXBY, EMILY M.: Protein metabolism—relation to mental deficiency. Wrentham State School, Wrentham, Mass. (1961-62) (Continued as MH-6831).
- BIXBY, EMILY M., PALLATAO, LUZ G., and PRYLES, CHARLES V.: Evaluation of the "bacillus subtilis" inhibition-assay technic as a screening procedure for the detection of phenylketonuria. *New England Journal of Medicine*, 268:647-651, 1963. (Also acknowledges MH-6831).
- EPRON, MARY L., BIXBY, EMILY M., PALLATAO, LUZ G., and PRYLES, CHARLES V.: Hydroxyprolinemia associated with mental deficiency. *New England Journal of Medicine*, 267:1193-1194, 1962. (Also acknowledges MH-6831).
- O'SULLIVAN, M. A., and PRYLES, C. V.: Reading disability in children. *Journal of Pediatrics*, 60:369-375, 1962. (Also acknowledges MH-6831)
- MH-5029 (R01) BORDIN, EDWARD S.: Free association project. University of Michigan, Ann Arbor, Mich. (1961-63)
- BORDIN, EDWARD S.: Response to the task of free association as a reflection of personality. (Abstract) *Acta Psychologica*, 23:120-121, 1964.
- BORDIN, EDWARD S.: Personality and free association. *Journal of Consulting Psychology*, 30(1):30-38, 1966.
- MH-5031 (R01) KRAUSE, MERTON S.: Resistance in applicants for psychological treatment. Family Service of Cincinnati and Hamilton County, Cincinnati, Ohio. (1961-66)
- KRAUSE, M. S.: Predicting client discontinuance at intake. *Social Casework*, 43:308-312, 1962.
- KRAUSE, MERTON S.: Twelve propositions in the semantics of motivation. *Journal of General Psychology*, 70:331-339, 1964.
- KRAUSE, MERTON S.: Role-deviant respondent sets and resulting bias, their detection and control in the survey interview. *Journal of Social Psychology*, 67:163-183, 1965.
- MH-5042 (R01) PASAMANICK, BENJAMIN, and RETTIG, SALOMON: Electronic computer programming in psychiatric RFS. Ohio State University, Columbus, Ohio. (1961-63) (Continued as MH-7870).
- RAWSON, HARVE E., and RETTIG, SALOMON: Factor analysis as a controlling technique. *Educational and Psychological Measurement*, 22:725-729, 1962.
- RETTIG, SALOMON: Multiple discriminant analysis: An illustration. *American Sociological Review*, 29:398-402, 1964. (Also acknowledges MH-7870).
- RETTIG, SALOMON: Invariance of factor structure of ethical judgments by Indian and American college students. *Sociometry*, 27:96-113, 1964. (Also acknowledges MH-7870).
- RETTIG, SALOMON, and PASAMANICK, BENJAMIN: Differences in structure and severity on moral judgments by students and by a community sample: Some observations on ethical relativity. *Ohio Journal of Science*, 62:317-325, 1962.
- RETTIG, SALOMON, and RAWSON, HARVE E.: The risk hypothesis in predictive judgments of unethical behavior. *Journal of Abnormal and Social Psychology*, 66:243-248, 1963. (Also acknowledges MH-7870).
- RETTIG, S., RAWSON, H. E., KNOBLOCH, H., and PASAMANICK, B.: A multi-dimensional computer analysis of some complications of pregnancy and their neuropsychiatric sequelae. In: Fourth IBM Medical Symposium. New York, Endicott, 1963, p. 123-132. (Also acknowledges MH-7870).
- MH-5043 (R01) OLIVER, DOUGLAS L., and FINNEY, BEN R.: Social-psychological aspects of Polynesian ecology. Harvard University, Cambridge, Mass. (1961-62)
- FINNEY, BEN R.: Les differents noms de Mai'ao. *Bulletin de la Societe des Etudes Oceaniennes*, 12 (1):24-25, 1962.
- MH-5044 (R01) WENAR, CHARLES: Etiology of psychosomatic and emotional disorders. University of Pennsylvania, Philadelphia, Pa. (1961-62)
- WENAR, C., HANDLON, M. W., and GARNER, A. M.: Origins of psychosomatic and emotional disturbances: A study of mother-child relation-

- ships. New York, Hoeber, 1962, 73 p. (A Psychosomatic Medicine Monograph). (Also acknowledges MH-2546).
- MH-5048 (R01) WAISMAN, HARRY A.: Metabolic studies in mental retardation. Wisconsin, University of School of Med., Madison, Wisc. (1961-64)
- OGGS, DALLAS E., MCLAY, DAREN, KAPPY, MICHAEL, and WAISMAN, HARRY A.: Excretion of indolyl acids in phenylketonuric monkeys. *Nature*, 200(4901):76, 1963.
- OGGS, DALLAS E., and POLIDORA, V. J.: Biochemical and behavioral observations of phenylketonuria (PKU), in rats. (Abstract) *Federation Proceedings*, 22(2)Part I: 515, 1963.
- OGGS, D. E., ROSENBERG, R., and WAISMAN, H. A.: Effects of phenylalanine, phenylacetic acid, tyrosine, and valine on brain and liver serotonin in rats. *Proceedings of the Society for Experimental Biology and Medicine*, 114(2):356-358, 1963.
- OGGS, DALLAS E., and WAISMAN, HARRY A.: Influence of excess dietary phenylalanine on pregnant rats and their fetuses. *Proceedings of the Society for Experimental Biology and Medicine*, 115:407-410, 1964.
- ghter vista for the retarded. *Medical World News*, 22:103, Oct. 13, 1964.
- DELL, T. E., HARLOW, H. F., and WAISMAN, H. A.: EEG changes in experimental phenylketonuria. *Electroencephalography and Clinical Neurophysiology*, 14:540-543, 1962. (Also acknowledges MH-2730 and MH-4528).
- RRITSEN, THEO.: The unusual finding of homocystine excretion in an infant. (Abstract) *Federation Proceedings*, 22(2)Part I: 650, 1963.
- RRITSEN, THEO., LEMLI, LUC, PTACEK, LOUIS J., and WAISMAN, HARRY A.: The presence of lactulose in the urine of infants with lactosuria. *Pediatrics*, 32(6):1033-1038, 1963.
- RRITSEN, THEO., VAUGHN, JAMES G., and WAISMAN, HARRY A.: The identification of homocystine in the urine. *Biochemical and Biophysical Research Communications*, 9(6):493-496, 1962.
- RRITSEN, THEO., VAUGHN, JAMES G., and WAISMAN, HARRY A.: The origin of homocitrulline in the urine of infants. *Archives of Biochemistry and Biophysics*, 100(2):298-301, 1963.
- RRITSEN, THEO., WAISMAN, HARRY A., LIPTON, AMUHL H., and STRONG, F. M.: Natural occurrence of homocitrulline: I. Excretion in the urine. *Archives of Biochemistry and Biophysics*, 7(1):34-36, 1962. (Also acknowledges MH-730).
- POLIDORA, V. J., BOGGS, D. E., and WAISMAN, HARRY A.: A behavioral deficit associated with phenylketonuria in rats. *Proceedings of the Society for Experimental Biology and Medicine*, 113:817-820, 1963.
- PTACEK, LOUIS J., OPITZ, JOHN M., SMITH, DAVID W., GERRITSEN, THEO., and WAISMAN, HARRY A.: The Cornelia de Lange Syndrome. *Journal of Pediatrics*, 63(5):1000-1020, 1963.
- WAISMAN, H. A., and HARLOW, H. F.: The biochemical induction of phenylketonuria in monkeys and rats. *Proceedings of the 2nd Congress on Mental Retardation*, Vienna. Part I:54, 1963.
- WANG, H. L., HARWALKAR, V. H., and WAISMAN, H. A.: Effect of dietary phenylalanine and tryptophan on brain serotonin. *Archives of Biochemistry and Biophysics*, 97(1):181-184, 1962. (Also acknowledges MH-2730 and MH-3699).
- MH-5050 (R01) WASHBURN, SHERWOOD L., and SIMONDS, PAUL E.: Ecology of Macaques. University of California, Berkeley, Calif. (1961-62)
- SIMONDS, P. E.: The Japan monkey center. *Current Anthropology*, 3(3):303-305, 1962.
- MH-5051 (R10) SUTTON, SAMUEL, HAKEREM, GAD, and ZUBIN, JOSEPH: Effect of drugs on the pupillary reflex. Columbia University, New York, N.Y. (1961-62) (Continued as MH-7478).
- HAKEREM, GAD: Instrumentation for research in pupillography. *Psychopharmacology Service Center Bulletin*, 2:11, 1962. (Also acknowledges MH-7478).
- MH-5054 (R01) LINDSLEY, OGDEN R.: Drug sensitive free-operant measures of psychosis. Harvard University, Cambridge, Mass. (1961-65)
- BARRITT, BEATRICE H., and LINDSLEY, O. R.: Deficits in acquisition of operant discrimination and differentiation shown by institutionalized retarded children. *American Journal of Mental Deficiency*, 67:424-436, 1962.
- LINDSLEY, O. R.: Operant conditioning methods in diagnosis. In: Nodine, J. H., and Moyer, J. H., eds. *Psychosomatic medicine: The First Habnemann Symposium*. Philadelphia, Lea and Febiger, 1962, p. 41-54. (Also acknowledges MH-2778).
- LINDSLEY, O. R.: Operant conditioning techniques in the measurement of psychopharmacological response. In: Nodine, J. H., and Moyer, J. H., eds. *Psychosomatic medicine: The First Habnemann Symposium*. Philadelphia, Lea & Febiger, 1962, p. 373-383. (Also acknowledges MH-2778).
- LINDSLEY, O. R.: Direct measurement and functional definition of vocal hallucinatory symptoms. *Journal of Nervous and Mental Disease*, 136:293-297,

1963. (Also acknowledges MH-977 and MH-2778).
- LINDSLEY, OGDEN R.: Direct measurement and prosthesis of retarded behavior. *Journal of Education*, 147:62-81, 1964.
- LINDSLEY, O. R.: Geriatric behavioral prosthetics. In: Kastenbaum, R., ed. *New thoughts on old age*. New York, Springer, 1964, p. 41-60.
- NATHAN, PETER E.: "Transmitting" and "receiving" in psychotherapy and supervision. *American Journal of Orthopsychiatry*, 35(5):937-952, 1965.
- NATHAN, P. E., SCHNELLER, P., and LINDSLEY, O. R.: Direct measurement of communication during psychiatric admission interviews. *Behaviour Research and Therapy*, 2:49-57, 1964.
- MH-5056 (R03) ANGERMEIER, WILHELM F., and HITT, JOHN: Reinforcing effects of basic dimensions of light. Austin College, Sherman, Texas. (1961-61)
- ANGERMEIER, W. F.: Basic dimensions of light as reinforcement: Patterns, brightness, movement and sequence effects. *Research Bulletin* (Pennsylvania State University), 22:1-28, 1961.
- ANGERMEIER, W. F., and HITT, J. C.: Basic dimensions of light as reinforcement: Changes in patterns, brightness and movement. *Journal of Genetic Psychology*, 104:147-153, 1964.
- MH-5065 (R03) BARMACK, JOSEPH E.: Performance after ingestion of depressant drugs. Public Service Research, Stamford, Conn. (1961-62)
- DICARA, LEO, and BARMACK, JOSEPH E.: The effect of reporting procedure on the stabilized retinal image. *Journal of Psychology*, 59:55-60, 1964.
- MH-5068 (R17) STEWART, MARK A.: Biochemistry of Wallerian degeneration. Washington University, St. Louis, Mo. (1961-64)
- STERN, J. A., WINOKUR, G., STEWART, M. A., and LEONARD, C.: Electrodermal conditioning: Some further correlates. *Journal of Nervous and Mental Disease*, 137:479-486, 1963.
- STEWART, MARK A., DRAKE, FENTON, and WINOKUR, GEORGE: Depression among medically ill patients. *Diseases of the Nervous System*, 26(8): 479-485, 1965.
- MH-5069 (R01) KAMIYA, JOE: Behavioral and physiological concomitants of dreaming. Langley Porter Neuropsychiatric Institute, San Francisco, Calif. (1961-65) (Continued from MH-2116).
- KAMIYA, JOE: Behavioral, subjective, and physiological aspects of drowsiness and sleep. In: Fiske, D. W., and Maddi, S. R., eds. *Functions of varied experience*. Homewood, Ill., Dorsey Press, 1961, p. 145-174. (Also acknowledges MH-2116).
- STOYVA, J. M.: Posthypnotically suggested dreams and the sleep cycle. *Archives of General Psychiatry*, 12(3):287-294, 1965.
- STOYVA, JOHANN MARTIN: Finger electromyographic activity during sleep: Its relation to dreaming in deaf and normal subjects. *Journal of Abnormal Psychology*, 70(5):343-349, 1965.
- MH-5075 (R01) WITTON, CECIL L., and ELLINGSON, ROBERT J.: Mental retardation clinical research center. University of Nebraska, Lincoln, Nebraska. (1961-63)
- MARVER, M. J.: Effects of sodium phenylpyruvate on brain amino acids. *Proceedings of the Society for Experimental Biology and Medicine*, 110:171-173, 1962.
- CARVER, M. J., DUTCH, S. J., PASKA, R., and WITTON, C. L.: Aminoaciduria in selected metabolic errors. *Metabolism*, 11:357-364, 1962. (Also acknowledges MH-2204).
- CARVER, M. J., and PASKA, R.: Urinary amino-acids on phenylalanine-tyrosine-supplemented diets. *Nature*, 197:493, 1963.
- MCINTIRE, M. S.: Critical norms of development in infants and young children. *Nebraska State Medical Journal*, 48:382-383, 1963.
- MCINTIRE, M. S., and CARVER, M. J.: The early detection of phenylketonuria in Nebraska. *Nebraska State Medical Journal*, 48:649-651, 1963.
- MCINTIRE, M. S., and DUTCH, S. J.: Mental retardation: A new look at an undergraduate curriculum. *Journal of Medical Education*, 38:974-977, 1963.
- MCINTIRE, M. S., and DUTCH, S. J.: Mongolism and generalized hypotonia. *American Journal of Mental Deficiency*, 68:669-670, 1964.
- MCINTIRE, M. S., and KIEKHAFFER, T. C.: Parental reaction to a clinic for the evaluation of the mentally retarded. *Nebraska State Medical Journal*, 48:69-73, 1963.
- National action against mental retardation. *Mental Hospitals*, December:4-9, 1961.
- OSBORNE, ROBERT G., TUNAKAN, BULENT, and BARMORE, JOHN: Anesthetic agent in electroconvulsive therapy: A controlled comparison. *Journal of Nervous and Mental Disease*, 137:297-300, 1963.
- RYAN, W. L., and CARVER, M. J.: Inhibition of antibody synthesis by L-phenylalanine. *Science*, 143:479-480, 1964.
- WOLSKI, W., and MCINTIRE, M.: A guide to normal speech and language development in children. *Medical Times*, 92:202-205, 1964.

ies in the psychoses. Massachusetts Mental Health Center, Boston, Mass. (1961-65)

OHLE, JONAS, GRINSPOON, LESTER, and FLISS, JOSEPH: An extreme situation on a chronic schizophrenic treatment ward. *Psychiatry*, 28(4):359-367, 1965.

RIDER, ANDREW B., GRINSPOON, LESTER, and MAHER, BRENDAN A.: Autonomic and psychomotor correlates of premorbid adjustment in schizophrenia. *Psychosomatic Medicine*, 27(3):201-206, 1965.

GRINSPOON, L., SHADER, R. I., CHATTERJEE, S., and COHLER, J.: Side effects and double-blind studies. I. A clinical comparison between thioridazine hydrochloride and a combination of phenobarbital and atropine sulfate. *Journal of Psychiatric Research*, 2(4):247-256, 1964.

ST, JERROLD M., SWANSON, JOANNE F., and GRINSPOON, L.: Cyclic staff responses to chronic schizophrenic patients. *Perspectives in Psychiatric Care*, 2(3), 1964. (7 page reprint)

SHADER, RICHARD I., COHLER, JONAS, ELASHOFF, ROBERT, and GRINSPOON, L.: Phenobarbital and atropine in combination, an active control substance for phenothiazine research. *Journal of Psychiatric Research*, 2:169-183, 1964.

RSKY, BERNARD, SHAPIRO, DAVID, and LEIDERMAN, HERBERT P.: Automatic data processing in psychophysiology: A system in operation. *Behavioral Science*, 11(1):64-70, 1966. (Also acknowledges MH-4172).

H-5079 (R17) LESTER, BOYD K.: Diurnal and Circadian psychobiological periodicity. University of Oklahoma, Oklahoma City, Okla. (1961-63)

TER, BOYD K., and EDWARDS, R. J.: EEG fast activity in schizophrenic and control subjects. *International Journal of Neuropsychiatry*, 2(2):43-156, 1966.

TER, B. K., and GUERRERO-FIGUEROA, R.: Effects of some drugs on electroencephalographic fast activity and dream time. *Psychophysiology*, 3(3):224-236, 1966.

H-5087 (R03) JONES, RICHARD M.: A method for the study of ego synthesis in dreams. Brandeis University, Waltham, Mass. (1961-62)

ES, RICHARD M.: Ego synthesis in dreams. Cambridge, Mass., Schenckman Publishing Co., 1962, 00 p.

ES, RICHARD M.: On the metaphor of the dream sensor. *Journal of Perceptual and Motor Skills*, 5:45-46, 1962.

Hospital, Newtown, Conn. (1961-62)

TOLOR, A., and SCHULBERG, H. C.: An evaluation of the Bender-Gestalt test. Springfield, Ill., C. C. Thomas, 1963, 229 p.

MH-5089 (R10) FREEMAN, HARRY: NIMH-PSC early clinical drug evaluation unit. Medfield State Hospital, Medfield, Mass. (1961-66)

FREEMAN, HARRY, KARACAN, ISMET, WATERMAN, WILLIAM E., KAHN, AMAN U., ZIMMER, FRANCIS L., FELDSTEIN, AARON, TEDESCHI, CESARE G., and DEFELICE, EUGENE A.: Orthostatic effects of an amine oxidase inhibitor (W3207B). *International Journal of Neuropsychiatry*, 1(5):513-517, 1965.

MH-5090 (R10) ENGELHARDT, DAVID M., FREEDMAN, NORBERT, and HANKOFF, LEON D.: NIMH-PSC early clinical drug evaluation unit. State University of New York—Downstate Medical Center, Brooklyn, N.Y. (1961- )

GUNDLACH, RALPH, ENGELHARDT, DAVID M., HANKOFF, LEON, PALEY, HERBERT, RUDORFER, LEON, and BIRD, ETNA: A double-blind outpatient study of diazepam (Valium) and placebo. *Psychopharmacologia (Berlin)*, 9(2):81-92, 1966.

HANKOFF, L. D.: Treatment comparison and the placebo effect. *Diseases of the Nervous System*, 23(1):39-40, 1962.

HANKOFF, L. D., GUNDLACH, R. H., PALEY, H. M., and RUDORFER, L.: Diphenhydramine as an antidepressant. *Diseases of the Nervous System*, 547-553, 1964.

HANKOFF, LEON D., HELLER, BORIS, and GALVIN, JOHN W.: The setting in psychopharmacological treatment. The outpatient usage of antidepressants. *Psychosomatics*, 3(3):1-8, 1962.

HANKOFF, LEON D., MENDELSON, FREDERICK S., and PALEY, HERBERT M.: Fluphenazine treatment in a receiving hospital setting. *Disease of the Nervous System*, 21(8):467-472, 1960.

HANKOFF, L. D., and RUDORFER, L.: A psychopharmacological clinic. An approach to a community need. *Medical Times*, 92(12):1248-1252, 1964. (Also acknowledges MH-1983).

HANKOFF, L. D., RUDORFER, L., and PALEY, H. M.: The psychiatric use of pyribenzindole: A double-blind outpatient study. *Journal of New Drugs*, 2(3):167-172, 1962.

HANKOFF, L. D., RUDORFER, L., and PALEY, H. M.: A reference study of ataraxics: A two week double blind outpatient evaluation. *Journal of New Drugs*, 2(3):173-178, 1962.

- HANKOFF, L. D., RUDORFER, L., and PALEY, H. M.: The antidepressant use of N-(2,5-dimethyl-1-pyrrolyl)-isonicotinamide (SQ 3242): A double blind outpatient evaluation. *Journal of New Drugs*, 3(1):40-47, 1963.
- PALEY, H. M., HANKOFF, L. D., KAWI, A., and MENDELSON, F.: The therapeutic profile of haloperidol: A preliminary study of butyrophenone derivative in inpatients and outpatients. *Journal of Neuropsychiatry*, 4(1):39-42, 1962.
- RUDORFER, L., HANKOFF, L. D., and PALEY, H. M.: Range of depression: Study of 244 depressed patients. *New York State Journal of Medicine*, 63(21):3090-3095, 1963.
- WALTZER, HERBERT, HANKOFF, LEON D., ENGELHARDT, DAVID M., and KAUFMAN, I. CHARLES: Emergency psychiatric treatment in a receiving hospital. *Mental Hospitals*, 595-600, November 1963.
- MH-5093 (R10) DENBER, HERMAN C.: NIMH-PSC early clinical drug evaluation unit. Manhattan State Hospital, New York, N.Y. (1961- )
- COLLARD, J., DENBER, H. C. B., and TELLER, D. N.: The effect of haloanilone upon leucocyte migration. *Diseases of the Nervous System*, 24:439-441, 1963.
- DENBER, H. C. B.: Social psychiatry and the state hospital. *International Mental Research Health Newsletter*, 5:12-15, 1963.
- DENBER, H. C. B.: Comparative analysis of drug trials in Europe and the United States. *Neuropsychopharmacology*, 3:143-145, 1964.
- DENBER, H. C. B., CHARIPPER, H. A., and ROIZIN, L.: Cytological effects of lysergic acid diethylamide (LSD-25) in rat brain and liver. (Abstract) *Federation Proceedings*, 23 Part I:147, 1964.
- DENBER, H. C. B., FLORIO, D., COLLARD, J., and RAJOTTE, P.: Etude clinique comparative de l'haloanilone et de la thioperazine. In: *Comptes rendus du congrès des médecins aliénistes et neurologistes*, Paris, Masson et Cie, 1962, p. 360-366.
- DENBER, H. C. B., MESHEL, E., TELLER, D. N., and RICHMAN, S.: Clinical and biochemical studies with centrophenoxyne. *Diseases of the Nervous System*, 25:724-732, 1964.
- TELLER, DAVID N., and DENBER, HERMAN C. B.: Studies on mescaline. XV. The influence of mescaline on the free amino acid patterns of serum. *Neuropsychopharmacology*, 3:423-426, 1964.
- TELLER, D. N., GOLDBERG, B., and DENBER, H. C. B.: Methods of early drug evaluation I: Leucocytic motility and succinic dehydrogenase activity. *International Journal of Neuropharmacology*, 2:241-247, 1963.
- TURNER, DANIELLE, DENBER, HERMAN C. B., and TELLER, DAVID N.: Preliminary clinical study of propericiazine. *Journal of New Drugs*, 5(2):90-93, 1965.
- MH-5096 (R10) MERLIS, SIDNEY, KRUMHOLZ, WILHELM, and TURNER, WILLIAM J.: NIMH-PSC early clinical drug evaluation unit. Central Islip State Hospital, Islip, N.Y. (1961- )
- CACIOPPO, JOSEPH, and MERLIS, SIDNEY: Chlordiazepoxide hydrochloride (Librium) and jaundice: Report of a case. *American Journal of Psychiatry*, 117(11):1040-1041, 1961.
- CACIOPPO, JOSEPH, and MERLIS, SIDNEY: Chlordiazepoxide, hydrochloride (Librium) and jaundice. *International Medical Digest*, 77:537-538, 1961.
- HALPERN, SEYMOUR: On the similarity between hypnotic and mescaline hallucinations. *International Journal of Clinical and Experimental Hypnosis*, 19(3):139-149, 1961.
- HALPERN, SEYMOUR: Civilization and aggression. In: *Proceedings Emergency Conference on Hostility (Aggression and War)*, Eastern Regional Meeting of American Association of Social Psychiatry, Nov. 17-18, 1961, p. 61-66.
- HALPERN, SEYMOUR: Hypnosis as a state of meditative concentration. In: Kline, Milton and others, eds. *Transactions of 1961 International Congress on Hypnosis*. The nature of hypnosis: Contemporary theoretical approaches. 1962, p. 63-67.
- HALPERN, SEYMOUR: Hypnointrospection—A contribution to the practice and theory of hypnotherapy: Part II. Studies in the therapeutic effects of immobilization. *Journal of Psychology*, 57:329-376, 1964.
- HALPERN, SEYMOUR, and MERLIS, SIDNEY: Hypnosis and psychotropic agents: Their interaction in mental patients. *Psychopharmacology Abstracts*, 1:502, 1961.
- HALPERN, SEYMOUR, and WHITE, LEONARD: Experimental hypnotherapy with a cancer patient. *Journal of the American Society of Psychosomatic Dentistry and Medicine*, 9:7-12, 1962.
- HEYMAN, JACK J.: Nicotinamide metabolism in schizophrenics, drug addicts, and normals: The effect of psychotropic drugs and hormones. *Transactions of the New York Academy of Sciences*, 26(3):354-360, 1964.
- HEYMAN, JACK J., HALPERN, SEYMOUR, and MERLIS, SIDNEY: The use of nicotinamide test dose in the assessment of psychotropic drugs in schizophrenic patients. *Journal of Neuropsychiatry*, 5(4):221-224, 1964.
- HEYMAN, JACK J., KRUMHOLZ, WILHELM, and MERLIS, SIDNEY: The influence of different pharmaceutical preparations of meprobamate on the



- rate of absorption in humans. *Current Therapeutic Research*, 4:416-418, 1962.
- HEYMAN, JACK J., and MERLIS, SIDNEY: The cause of false-positive tests for piperazine-linked phenothiazines. *American Journal of Psychiatry*, 117 (10):924-926, 1961.
- HEYMAN, JACK J., and MERLIS, SIDNEY: Transmethylation of nicotinamide in schizophrenics and normals. II. The effect of psychotropic drugs on the transmethylation of nicotinamide in the schizophrenic. In: *Recent advances in biological psychiatry*. Vol. 5. New York, Plenum Press, 1963, p. 211-220.
- KRUMHOLZ, W. V., SHEPPARD, C., and MERLIS, S.: Studies with aspirin: Psychopharmacologic and methodologic considerations. *Clinical Pharmacology and Therapeutics*, 5(6):691-694, 1964.
- KRUMHOLZ, WILHELM V., SHEPPARD, CHARLES, and MERLIS, SIDNEY: Studies with acetylsalicylic acid. II. Psychopharmacologic and methodologic considerations. *Clinical Pharmacology and Therapeutics*, 6(3):359-361, 1965.
- MERLIS, SIDNEY: Psychopharmacology in rehabilitation of the chronic psychotic. *Diseases of the Nervous System*, 22(4):143-146, 1961.
- MERLIS, SIDNEY: Clinical and electroencephalographic correlates of gaba-transaminase inhibition in man. *Medicina Experimentalis*, 5:419-421, 1961. (Neuropsychopharmacologie, 2. Symposium, Nurnberg 1961).
- MERLIS, SIDNEY: The selection of drug treatment for emotional disorders. *Bulletin of Suffolk County Medical Society*, 40:292, 1962.
- MERLIS, SIDNEY: Research in psychopharmacology. *Clinical Psychopharmacology and Therapeutics*, 3:389-391, (May/June), 1962.
- MERLIS, SIDNEY, and TURNER, WILLIAM J.: Drug evaluation and practical psychiatric therapeutics. *Abstracts of Psychiatry for the General Practitioner (The Carrier Clinic)*, 5:22, 1962.
- MERLIS, SIDNEY, TURNER, WILLIAM J., and HALPERN, SEYMOUR: Chlordiazepoxide as adjunctive therapy in convulsive disorders. *American Journal of Psychiatry*, 119:575-576, 1962.
- MERLIS, SIDNEY, TURNER, WILLIAM J., and KRUMHOLZ, WILHELM: A double-blind comparison of diazepam, chlordiazepoxide and chlorpromazine in psychotic patients. *Journal of Neuropsychiatry*, 3(Supplement 1):133-139, 1962.
- SHEPPARD, C., BHATTACHARYYA, A., DIGIACOMO, M., and MERLIS, S.: Effects of acetophenazine dimaleate on paranoid symptomatology in female geriatric patients: double-blind study. *Journal of the American Geriatrics Society*, 12(9):884-888, 1964.
- SHEPPARD, C., KRUMHOLZ, W., and MERLIS, S.: Treatment patterns of depressed patients in a state hospital. *Current Therapeutic Research*, 7(6):355-360, 1965.
- TURNER, WILLIAM: Glossaries for use with the Overall and Gorham brief psychiatric rating scale and for a modified Malamud-Sands rating scale. Central Islip, New York, Central Islip State Hospital, 1963. 57 p. (Processed)
- TURNER, WILLIAM J.: Experiences with primary process thinking. *Psychiatric Quarterly*, 37:476-499, 1963.
- TURNER, W. J.: Schizophrenia and oneirophrenia. A clinical and biological note. *Transactions of the New York Academy of Sciences*, 26(3):361-368, 1964.
- TURNER, WILLIAM J., HANIA, VICTORIA, HALPERN, SEYMOUR, and MERLIS, SIDNEY: Chemotherapeutic trials in psychosis. IV: (Report on a test for potentiation of rauwolfia in chronic schizophrenics by high dosage of vitamins.) *Disease of the Nervous System*, 22(1):1961. 3 page reprint.
- TURNER, WILLIAM J., KRUMHOLZ, WILHELM, and MERLIS, SIDNEY: A modified Malamud-Sands rating scale for use by ward personnel. *Psychopharmacology Service Center Bulletin*, 2:17-20, 1962.
- TURNER, WILLIAM J., KRUMHOLZ, WILHELM, and MERLIS, SIDNEY: A fortran program for computation of results of controlled studies in therapeutics. *International Journal of Neuropsychiatry*, 1(5):481-490, 1965.
- TURNER, WILLIAM J., and MERLIS, SIDNEY: Anti-depressant medication and its use in psychiatric hospital practice. *Journal of Neuropsychiatry*, (Suppl. No. 1):69-72, 1961.
- TURNER, WILLIAM J., and MERLIS, SIDNEY: Clinical studies with ethyltryptamine. *Journal of Neuropsychiatry*, (Suppl. No. 1):73-76, 1961.
- TURNER, WILLIAM J., and MERLIS, SIDNEY: Clinical correlations between electroencephalography and antisocial behavior. *Medical Times*, 90:505-511, 1962.
- TURNER, W. J., and MERLIS, S.: A clinical trial of pargyline and DOPA in psychotic subjects. *Diseases of the Nervous System*, 25:538-541, 1964.
- TURNER, WILLIAM J., O'NEILL, FRANCIS J., and MERLIS, SIDNEY: The treatment of depression in hospitalized patients before and since the introduction of antidepressant drugs. *American Journal of Psychiatry*, 119:421-426, 1962.
- MH-5098 (R10) DELAY, JEAN, DENIKER, PIERRE, and PICHOT, PIERRE: NIMH-PSC early clinical drug evaluation. Centre Psychiatrique Ste Anne, Paris, France. (1961- )

- DELAY, J.: *Medecine mentale et progres scientifique. L'Union Medicale du Canada*, 90:972-978, 1961.
- DELAY, J., and DENIKER, P.: Apport de la clinique a la connaissance de l'action des neuroleptiques. *Système Extra-pyramidal et Neuroleptique*, p. 301-327, 1961.
- DELAY, J., and DENIKER, P.: Récents progrès des chimiothérapies psychiatriques. *Revue du Praticien*, 12:43-46, 1962.
- DELAY, J., and DENIKER, P.: Les nouvelles chimiothérapies psychiatriques (principaux types de médicaments). *UMFIA Compte-rendu*, 31(2):49-57, 1962.
- DELAY, J., DENIKER, P., and BENOIST, J. C.: Evolution psychomotrice d'une Lombalgie. *Association de Chimiothérapie et de Psychothérapie—Revue Médicale Psychosomatique*, 3(2):31-35, 1961.
- DELAY, J., DENIKER, P., GINESTET, D., PERIER, M., and CONTE, C.: Essai préliminaire d'un nouvel inhibiteur de la monoamine-oxydase, l'hydrazine-2 octane (D.1514), comme antidépresseur. Société de Psycho-Pharmacologie de langue française. *L'Encephale*, 51(6):517-530, 1962.
- DELAY, JEAN, DENIKER, PIERRE, GINESTET, DANIEL, and PERON-MAGNAN, PIERRE: Evaluation clinique précoce des propriétés neuroleptiques d'un composé nouveau: La dibenzothiazépine. *Annales Medico-Psychologiques*, 2:402-407, 1964.
- DELAY, J., DENIKER, P., LEMPERIERE, THEODORE, and GINESTET, D.: Deux années d'expérience de l'imipramine. *Annales Medico-psychologiques*, 119:235-248, 1961.
- DELAY, J., DENIKER, P., and LEYRIE, J.: Psychiatrie. *Gazette Medicale de France—Bilan Therapeutique* 1956-1961, p. 383-398.
- DELAY, J., DENIKER, P., and LEYRIE, J.: Dosage d'alcoolémie pratiqué chez des malades traités par des neuroleptiques. *Annales Médico-psychologiques*, 120(1):752-755, 1962.
- DELAY, J., DENIKER, P., and LEYRIE, J.: Alcoolémie et médication neuroleptiques: Absence de modification du taux sanguin d'alcool éthylique chez les malades mentaux traités par chimiothérapies neuroleptiques. *Société de Médecine Légale*, 62(4):366-367, 1962.
- DELAY, J., DENIKER, P., VERDEBAUX, G., GINESTET, D., and PERON, P.: Etude clinique et polygraphique d'un nouveau type de psycho-dysléptique: Le Ditrane. *L'Encephale*, 51:539-547, 1962.
- DELAY, J., PICHOT, P., and LEMPERIERE, THEODORE: La psilocybine: Ses applications thérapeutiques. *Le Sud Médical et Chirurgical*, 97:9217-9224, 1961.
- DELAY, J., PICHOT, P., LEMPERIERE, THEODORE, and BAILLY, R.: L'emploi des butyrophénones en psychiatrie. Etude statistique et psychométrique. In: *Symposium internazionale sull' Haloperidol e Triperidol*. Milan, Istituto Puso Farmaco d'Italia, 1963, p. 305-319.
- DELAY, J., PICHOT, P., LEMPERIERE, THEODORE, and BAILLY, R.: L'emploi de la thioridazine en psychiatrie. Problèmes de la posologie et des effets secondaires. *L'encephale*, 52:192-195, 1964.
- DELAY, J., PICHOT, P., LEMPERIERE, THEODORE, BAILLY, R., CATTAN, F., and BASQUIN, R.: Triperidol et chimiothérapie des psychoses. *La Presse Medicale*, 70(46):2147-2149, 1962.
- DELAY, J., PICHOT, P., LEMPERIERE, T., and MIROUZE, R.: La nosologie des états dépressifs rapports entre l'étiologie et la semiologie. II. Résultats du questionnaire de Beck. *L'encephale*, 51:497-505, 1963.
- DELAY, J., PICHOT, P., LEMPERIERE, T., and PERSE, J.: La nosologie des états dépressifs rapports entre l'étiologie et la semiologie. II. Résultats de l'échelle d'appréciation de Wittenborn. *L'encephale*, 52:5-18, 1964.
- DELAY, J., PICHOT, P., MIROUZE, R., PEYROUZET, J.: La nosologie des états dépressifs. Rapport entre l'étiologie et la semiologie. Position du problème. *L'encephale*, 51(6):481-496, 1963.
- DELAY, J., PICHOT, P., PERSH, J., and GENOU, A. M.: La nosologie des états dépressifs rapports entre l'étiologie et la semiologie. IV. Résultats du test de niveau d'aspiration. *L'encephale*, 52:19-34, 1964.
- DELAY, J., TALAIRACH, J., BANCAUD, J., and REMPAT-DESCHAMPS, J.: Modalité d'action électrographique et neurovégétative du N.N' diéthylamide de l'acide Z-méthoxy.Y-allylphénoxyacétique (G.29.505) au cours des investigations fonctionnelles stéréotaxiques chez l'homme. *Revue Neurologique*, 105:235-241, 1961.
- PICHOT, P.: A propos de l'effet placebo. Société de Médecine Psychosomatique, séance du 15 Février 1962. *Revue de Médecine Psycho-somatique*, 3(3):37-40, 1961.
- MH-5106 (R10) SCHIELE, BURTRUM C., and HEISTAD, GORDON T.: NIMH-PSC early clinical drug evaluation unit. University of Minnesota, Minneapolis, Minn. (1961- )
- BELLVILLE, T. P., HEISTAD, G. T., and SCHIELE, B. C.: A comparative study of thioridazine and carphenazine using sequential analysis. *Psychopharmacologia*, 4:53-65, 1963.
- GARETZ, FLOYD K., and LEIDER, LLOYD L.: Phenothiazine drugs. Patterns of urinary excretion. *Minnesota Medicine*, 973-976, October 1963.
- JANACEK, JAMES: Advances. Antidepressant drugs. *Minnesota Medicine*, 48:1197-1209, 1965.

- CEK, J., and MANDEL, A.: The combined use of group and pharmacotherapy by collaborative therapists. *Comprehensive Psychiatry*, 6:35-40, 1965.
- CEK, JAMES, and SCHIELE, BURTRUM C.: Preliminary investigation of SK&F 10810: An early clinical trial using "basic clinical controls." *Psychopharmacologia*, 6:462-471, 1964.
- CEK, J., SCHIELE, B. C., BELLVILLE, T. P., and ANDERSON, R.: The effects of withdrawal of trifluoperazine on patients maintained on the combination of tranylcypromine and trifluoperazine: A double-blind study. *Current Therapeutic Research*, 6:608-615, 1963.
- CEK, JAMES, SCHIELE, BURTRUM C., BELLVILLE, T. P., VESTRE, NORRIS D., and RATHS, OTTO: A controlled study of 4(1-phenyl-4-piperazinyl)-1-methyl-3,4,5-trimethoxybenzate hydrochloride (MA 8) and meprobamate in psychiatric outpatients. *Journal of New Drugs*, 5(1):51-56, 1965.
- CEK, JAMES, SCHIELE, BURTRUM C., TROUSLE, WILLIAM, and LARSON, THEODORE: Differential effects of psychotropic drugs. (An exploration using comparisons of several agents). *Annals of the Nervous System*, 26(5):292-301, 1965.
- CEK, J., SCHIELE, B. C., and VESTRE, N. D.: Tranylcypromine and tranylcypromine in the treatment of hospitalized depressed patients. *Journal of New Drugs*, 3:309-316, 1963.
- SKY, C. D., and SLETTEN, I.: Chlordiazepoxide in alcohol withdrawal—intramuscular effects. *Minnesota Medicine*, 46(6):354-357, 1963.
- A, A., HEISTAD, G., SCHIELE, B. C., and JANSEN, J.: A comparison of tranylcypromine alone and tranylcypromine plus trifluoperazine in the treatment of chronic outpatients: A double-blind controlled study. *Journal of Neuropsychiatry*, 5:542-550, 1964.
- LE, B. C.: Antidepressants: Comparison of clinical effects in anergic schizophrenia and the depressed states. *Annals of the New York Academy of Sciences*, 107:1131-1138, 1963.
- LEY, P., HEISTAD, G., and SCHIELE, B. C.: A comparison of butaperazine and perphenazine: A double-blind controlled study. *Psychopharmacologia*, 5:209-216, 1964.
- R, E., and SCHIELE, B. C.: The prediction of response to tranylcypromine plus trifluoperazine by MMPI. *American Journal of Psychiatry*, 119:70, 1962.
- E, NORRIS D.: Relative effects of phenothiazines and phenobarbital on verbal conditioning of schizophrenics. *Psychological Reports*, 17(1):1-290, 1965.
- VESTRE, NORRIS D.: Validity data on the psychotic reaction profile. *Journal of Consulting Psychology*, 30(1):84-85, 1966.
- VESTRE, N. D., HALL, W. B., and SCHIELE, B. C.: A comparison of fluphenazine, trifluoperazine and phenobarbital in the treatment of chronic schizophrenic patients: A double-blind study. *Journal of Clinical and Experimental Psychopathology and Quarterly Review of Psychiatry and Neurology*, 23(3):149-159, 1962.
- VESTRE, N. D., MACNAUGHTON, D., and SCHIELE, B. C.: Treatment of hospitalized schizophrenics with trifluoperazine plus tranylcypromine: A double-blind controlled study. *Comprehensive Psychiatry*, 4:66-79, 1963.
- VHSTRE, N. D., MACNAUGHTON, D., and SCHIELE, B. C.: A comparison of the slow-release and the regular forms of thioridazine. *Current Therapeutic Research*, 5:183-194, 1963.
- MH-5107 (R03) GOODENOUGH, EVELYN W.: Fantasy of young children as an ego function. Tufts University, Medford, Mass. (1961-62)
- PITCHER, EVELYN GOODENOUGH: Male and female. *Atlantic Monthly*, 211(3):87-91, 1963.
- PITCHER, EVELYN GOODENOUGH, and PRELINGER, ERNST: Children tell stories: An analysis of fantasy. New York, International Universities Press, 1963, 256 p.
- MH-5108 (R03) PRESTHUS, ROBERT V., and BLANKENSHIP, L. VAUGHN: Comparative study of community decision-making. Cornell University, Ithaca, N.Y. (1961-62)
- PRESTHUS, ROBERT: Men at the top: A study in community power. New York, Oxford University, 1964, 496 p.
- MH-5110 (R03) JOHNSON, RONALD C.: Associative production and personality variables. San Jose State College, San Jose, Calif. (1961-62)
- JOHNSON, R. C., and LIM, D.: Personality variables in associative production. *Journal of General Psychology*, 71:349-350, 1964.
- JOHNSON, R. C., WEISS, R. L., and ZELHART, P. P.: Similarities and differences between normal and psychotic subjects in responses to verbal stimuli. *Journal of Abnormal and Social Psychology*, 68:221-226, 1964.
- MH-5111 (R03) TERWILLIGER, ROBERT F.: Some variables influencing verbal choice behavior. Rutgers—The State University, New Brunswick, N.J. (1961-61)
- TERWILLIGER, R. F.: Free association patterns and familiarity as predictors of affect. *Journal of General Psychology*, 70:3-12, 1964.

- MH-5115 (R01) LOEVINGER, JANE: Objective personality measurement. Washington University, St. Louis, Mo. (1961- ) (Continued from MH-1213).
- LOEVINGER, JANE: Objective tests as instruments of psychological theory. *Psychological Reports*, 3: 635-694, 1957. (Also acknowledges MH-1213).
- LOEVINGER, JANE: Theory and techniques of assessment. *Annual Review of Psychology*, 10:287-316, 1959. (Also acknowledges MH-1213).
- LOEVINGER, JANE: A theory of test response. In: Lennon, R. T., chairman. *Conference on testing problems*, Nov. 1, 1958. Princeton, N.J., Educational Testing Service, 1959, p. 36-47. (Also acknowledges MH-1213).
- LOEVINGER, JANE: Patterns of parenthood as theories of learning. *Journal of Abnormal and Social Psychology*, 59:148-150, 1959. Also in: Rosenblith, Judy, and Allinsmith, W., eds. *The causes of behavior*. Rockleigh, New Jersey, Allyn & Bacon, 1962, p. 73-75. (Also acknowledges MH-1213).
- LOEVINGER, JANE: Conflict of commitment in clinical research. *American Psychologist*, 18, 241-251, 1963. (Also acknowledges MH-1213).
- LOEVINGER, JANE: The meaning and measurement of ego development. *American Psychologist*, 21 (3):195-206, 1966.
- LOEVINGER, JANE, and OSSORIO, A. G.: Evaluation of therapy by self-report: A paradox. *Journal of Abnormal and Social Psychology*, 58:392-394, 1959. (Also acknowledges MH-1213).
- LOEVINGER, JANE, and SWEET, BLANCHE: Construction of a test of mothers' attitudes. In: Glidwell, J. C., ed. *Parental attitudes and child behavior*. Springfield, Ill., Charles C. Thomas, 1961, p. 110-123. (Also acknowledges MH-1213).
- LOEVINGER, JANE, SWEET, BLANCHE, OSSORIO, A. G., and LAPERRIERE, KITTY: Measuring personality patterns of women. *Genetic Psychology Monographs*, 65:53-136, 1962. (Also acknowledges MH-1213).
- MH-5116 (R03) BRAINE, MARTIN D.: The ontogeny of English phrase structure. Washington School of Psychiatry, Washington, D.C. (1961-62)
- BRAINE, MARTIN, D. S.: The ontogeny of English phrase structure: The first phase. *Language*, 39: 1-13, 1963.
- MH-5117 (R03) DREGER, RALPH M., and REID, MELVIN P.: Behavioral classification—child emotional disorders. Jacksonville University, Jacksonville, Fla. (1961-62)
- DREGER, R. M., and DREGER, GEORGIA E., eds. Proceedings of the technical assistance project held at Jacksonville University, August 16-17, 1962. Behavioral classification project, report no. 1. Vol. 8. Jacksonville, Florida, Behavioral Classification Project, 1962, 138 p.
- DREGER, R. M., LEWIS, PAUL M., RICH, THOMAS A., MILLER, KENT S., REID, MELVIN P., OVERLADE, DAN C., TAFFEL, CHARLES, and FLEMING, EDWARD L.: Behavioral classification project. *Journal of Consulting Psychology*, 28:1-13, 1964.
- MH-5118 (R03) BLOCK, WILLIAM E.: Adaptation level theory and projective testing. Yeshiva University, New York, N.Y. (1961-61)
- BLOCK, WILLIAM E.: Adaptation-level theory: Paradigmatic application to projective testing. *Journal of Clinical Psychology*, 18(4):466-468, 1962.
- BLOCK, WILLIAM E.: Preliminary study of adaptation-level theory as a framework for projective testing. *Perceptual and Motor Skills*, 15:366, 1962.
- BLOCK, WILLIAM E.: A conceptual framework for the clinical test situation. *Psychological Bulletin*, 61:168-175, 1964.
- MH-5120 (R01) BRUNER, JEROME S., and MILLER, GEORGE A.: Factors in efficiency of human information processing. Harvard University, Cambridge, Mass. (1961-66)
- ASCHNER, MARY JANE McCUB: The analysis of verbal interaction in the classroom. In: Bellack, Arno A., ed. *Theory analysis and research in teaching*. New York, Teachers College Bureau of Publications, 1963.
- BECK, JACOB: The effect of gloss on perceived lightness. *American Journal of Psychology*, 77:54-63, 1964.
- BECK, J.: Apparent spatial position and the perception of lightness. *Journal of Experimental Psychology*, 69(2):170-179, 1965.
- BRUNER, J. S.: Introduction: The new educational technology. *American Behavioral Scientist*, 6(3): 5-11, 1962.
- BRUNER, J. S.: On knowing: Essays for the left hand. Cambridge, Mass., Harvard University, 1962, 165 p.
- BRUNER, J. S.: Preface to L. S. Vygotsky's, *Thought and language*. New York, MIT Press and John Wiley & Sons, 1962.
- BRUNER, J. S.: Needed: A theory of instruction. *Educational Leadership*, 20(8):523-532, 1963.
- BRUNER, J. S.: Structures in learning. *National Education Association Journal*, 52(3):26-27, 1963.

- UNER, J. S., and KENNEY, HELEN J.: Observations on the learning of mathematics. *Science Education News* (American Association for the Advancement of Science, Washington, D.C.), April, 1963.
- OMSKY, NOAM: Aspects of the theory of syntax. Cambridge, Mass., Massachusetts Institute of Technology, 1965, 251 p. (Also acknowledges MH-4737).
- TTENLOCHER, J.: Children's language: Word-phrase relationship. *Science*, 143:264-265, 1964.
- TTENLOCHER, JANELLEN: Children's intellectual development. *Review of Educational Research*, 35(2):114-121, 1965.
- FB, JOSEPH: Verbal behavior analysis in psychiatric interviews with the aid of digital computers. In: Rioch, David McK., and Weinstein, Edwin A., eds. *Disorders of communication*. Vol. 42. Baltimore, Williams & Wilkins, 1964, p. 389-399. Also acknowledges MH-4571 and MH-4548).
- TZ, JERROLD J.: Symposium: Philosophy and linguistics. The relevance of linguistics to philosophy. *Journal of Philosophy*, 62:590-602, 1965. Also acknowledges MH-4737).
- TZ, JERROLD J.: The philosophy of language. In: Chomsky, Noam, and Halle, Morris, eds. *Studies in language*. New York, Harper & Row, 1966. Also acknowledges MH-4737).
- ARKS, L. E., and MILLER, G. A.: The role of semantic and syntactic constraints in the memorization of English sentences. *Journal of Verbal Learning and Verbal Behavior*, 3:1-5, 1964.
- HLER, JACQUES: Some effects of grammatical transformations on the recall of English sentences. *Journal of Verbal Learning and Verbal Behavior*, 3:346-351, 1963.
- HLER, J., and MILLER, G. A.: Retroactive interference in the recall of simple sentences. *British Journal of Psychology*, 55(3):295-301, 1964.
- HLER, G. A.: Comments on Professor Postman's paper. In: Cofer, N., and Musgrave, eds. *Verbal behavior and learning*. New York, McGraw-Hill, 1963, p. 321-333.
- HLER, G. A., and ISARD, S.: Some perceptual consequences of linguistic rules. *Journal of Verbal Learning and Verbal Behavior*, 2(3):217-228, 1963.
- HLER, G. A., and ISARD, S.: Free recall of self-embedded English sentences. *Information and Control*, 7:292-303, 1964.
- HLER, GEORGE A., and MCKEAN, KATHRYN OJEANN: A chronometric study of some relations between sentences. *Quarterly Journal of Experimental Psychology*, 16(4):297-308, 1964.
- PIAGET, J., and INHELDER, BARBEL: Le developpement des quantites physiques. Switzerland, Delachaux & Niestle, 1962.
- WAUGH, NANCY C.: The effect of intralist repetition on free recall. *Journal of Verbal Learning and Verbal Behavior*, 1:95-99, 1962.
- WAUGH, NANCY C.: Immediate memory as a function of repetition. *Journal of Verbal Learning and Verbal Behavior*, 2(1):107-112, 1963.
- WAUGH, N. C., and NORMAN, D. A.: Primary memory. *Psychological Review*, 72(2):89-104, 1965.
- WEIR, RUTH HIRSCH: Language in the crib. The Hague, Mouton and Co., 1962.
- MH-5121 (R10) KINROSS-WRIGHT, JOHN: NIMH-PSC early clinical drug evaluation unit. Baylor University, Houston, Texas. (1961-63)
- CHARALAMPOUS, K. D.: Pseudoneurotic schizophrenia. *Medical Record and Annals*, 56:99-100, 1963.
- CHARALAMPOUS, K. D.: The long-term care of the chronic mentally ill patient: A medical approach. *Medical Record and Annals*, 56:257-258, 1963.
- CHARALAMPOUS, K. D., and KINROSS-WRIGHT, J.: The effect of 6-hydroxydimethyl tryptamine in man. (Abstract) *Clinical Research*, 11:29, 1963.
- CHARALAMPOUS, K. D., and KINROSS-WRIGHT, J.: Hallucinogens. Tools for research or therapeutic agents. *Texas State Journal of Medicine*, 59:848-852, 1963.
- KINROSS-WRIGHT, J., and CHARALAMPOUS, K. D.: Concurrent administration of DOPA decarboxylase and monoamine oxidase inhibitors in man. (Abstract) *Clinical Research*, 9:177, 1963.
- KINROSS-WRIGHT, J., and CHARALAMPOUS, K. D.: A psychopharmacology research unit. *Diseases of the Nervous System*, 24(5):299-301, 1963.
- KINROSS-WRIGHT, J., and CHARALAMPOUS, K. D.: A recent development in the chemotherapy of schizophrenia. *Medical Record and Annals*, 56:224-225, 1963.
- KINROSS-WRIGHT, J., and CHARALAMPOUS, K. D.: Hallucinogens: Tools for research or therapeutic agents. *Texas State Journal of Medicine*, 59:848-852, 1963.
- KINROSS-WRIGHT, J., ROWELL, R. C., and OTBRO, M. J.: Fluphenazine in treatment of chronic schizophrenia: Results of a limited dosage schedule. *Diseases of the Nervous System*, 23(3):152-155, 1962.
- KINROSS-WRIGHT, J., VOGT, A. H., and CHARALAMPOUS, K. D.: A new method of drug therapy. *American Journal of Psychiatry*, 119:779-780, 1963.

- chiasmatics, 3(6):464-466, 1962.
- RAGLAND, J. B., and KINROSS-WRIGHT, J.: Metabolism of phenothiazines. (Abstract) *Biochemical Pharmacology* (Stockholm), 8:148, 1961.
- MH-5124 (R04) O'BRIEN, DENISE A., and POSPISIL, LEOPOLD J.: Congruent and divergent mechanisms of social control. Yale University, New Haven, Conn. (1961-63)
- O'BRIEN, DENISE A.: Economic and social development; nativistic movements; leadership. In: Working papers in Dani ethnology, No. 1. Bureau of Native Affairs, United Nations Temporary Executive Authority in West New Guinea, West Irian, 1962. (Processed).
- O'BRIEN, DENISE, and PLOEG, ANTON: Acculturation movements among the Western Dani. *American Anthropologist*, 66(4)Part 2:281-292, 1964.
- MH-5137 (R01) ANDREW, RICHARD J.: Comparative study of the motivation of vocalization. Yale University, New Haven, Conn. (1961-65)
- ANDREW, R. J.: The situations that evoke vocalization in primates. *Annals of the New York Academy of Sciences*, 102:296-315, 1962.
- ANDREW, R. J.: The evolution of facial and vocal expressions. *New Scientist*, 14:568-570, 1962.
- ANDREW, R. J.: Evolution of intelligence and vocal mimicking. *Science*, 137:585-589, 1962.
- ANDREW, R. J.: The origin and evolution of the calls and facial expressions of the primates. *Behavior*, Supplement (Leiden), 20:1-109, 1963.
- ANDREW, R. J.: Evolution of facial expression. *Science*, 142:1034-1041, 1963.
- ANDREW, R. J.: Trends apparent in the evolution of vocalization in the old world monkeys and apes. *Symposium of the Zoological Society of London*, 10:89-101, 1963.
- ANDREW, R. J.: The displays of the primates. In: Buettner-Janusch, J., ed. *Genetic and evolutionary biology of the primates*. New York, Academic, 1964, p. 227-309.
- BUETTNER-JANUSCH, JOHN, and ANDREW, R. J.: The use of the incisors by primates in grooming. *American Journal of Physical Anthropology*, 2: 127-129, 1962.
- MH-5139 (R01) HERRNSTEIN, RICHARD J., and REYNOLDS, GEORGE S.: Quantitative studies of reinforcement. Harvard University, Cambridge, Mass. (1961-63)
- BRETHOWER, DALE M., and REYNOLDS, G. S.: A facilitative effect of punishment on unpunished be-
- REYNOLDS, G. S.: On some determinants of choice in pigeons. *Journal of the Experimental Analysis of Behavior*, 6:53-59, 1963.
- REYNOLDS, G. S.: Some limitations on behavioral contrast and induction during successive discrimination. *Journal of the Experimental Analysis of Behavior*, 6:131-139, 1963.
- REYNOLDS, G. S.: Potency of conditioned reinforcement based on food and on food and punishment. *Science*, 139:838-839, 1963.
- MH-5140 (R01) SUDAK, FREDERICK N., and ESSMAN, WALTER B.: Psychophysiological changes with hypothermia. Yeshiva University-Albany Einstein College of Medicine, New York, N.Y. (1961-64)
- ESSMAN, WALTER B., and SUDAK, F. N.: Effect of body temperature reduction on response acquisition in mice. *Journal of Applied Physiology*, 17: 113-116, 1962.
- ESSMAN, W. B., and SUDAK, F. N.: Sustained and temporary hypothermia as variables in successful maze learning. *Psychological Reports*, 10:551-557, 1962.
- ESSMAN, W. B., and SUDAK, F. N.: Effect of hypothermia on the establishment of a conditioned avoidance response in mice. *Journal of Comparative and Physiological Psychology*, 56:366-369, 1963.
- ESSMAN, WALTER B., and SUDAK, FREDERICK N.: Audiogenic seizure in genetically susceptible mice. Relation of hypothermia to onset and susceptibility. *Experimental Neurology*, 9:228-235, 1964.
- ESSMAN, W. B., and SUDAK, F. N.: Reduction of retroactive effects of interpolated maze training in hypothermic mice. *Journal of Applied Physiology*, 19:889-892, 1964.
- ESSMAN, W. B., and SUDAK, F. N.: Single-trial avoidance conditioning in rats. *Psychological Reports*, 15:775-783, 1964.
- SUDAK, F. N., and ESSMAN, W. B.: Maze acquisition and retention in hypothermic mice. *Journal of Applied Physiology*, 17:747-750, 1962.
- SUDAK, F. N., and ESSMAN, W. B.: Body temperature as a determinant in maze acquisition by mice. *Journal of Applied Physiology*, 18:964-966, 1963.
- SUDAK, FREDERICK N., and ESSMAN, WALTER B.: Effects of pre- and post-acquisition maze training in mice. *Psychological Reports*, 14:791-796, 1964.
- SUDAK, F. N., and ESSMAN, W. B., and HAMBURG, M.: Anticonvulsive effects of 2,4-dichlorophenoxyacetic acid in mice susceptible to audiogenic seizures. *Experimental Neurology*, 6:30-35, 1962.

- UDAK, F. N., ESSMAN, W. B., and SHRN, E. M.: Body temperature regulation in mice resuscitated from deep hypothermia. *Journal of Applied Psychology*, 18:959-963, 1963.
- AIMAN, H., SUDAK, F. N., and SHIEVELI, J.: Electrocardiographic changes occurring in Trichinella-infected rats prior to larviposition and migration. *Experimental Parasitology*, 13:323-327, 1963.
- H-5144 (R10) HOLLISTER, LEO E., and OVERALL, JOHN E.: Cooperative clinical screening of psychotropic drugs. Stanford University, Stanford, Calif. (1961- )
- HOLLISTER, L. E.: Newer developments in the clinical study of psychotherapeutic drugs. *Proceedings of the Western Pharmacology Society*, 6:61-63, 1963.
- HOLLISTER, L. E., BENNETT, J. L., KAIM, S. C., and KIMBELL, I., JR.: Drug-induced electroencephalographic abnormalities as predictors of clinical response to thiopropazate and haloperidol. Clinical notes. *American Journal of Psychiatry*, 119(9):887-888, 1963.
- HOLLISTER, L. E., BENNETT, J. L., KIMBELL, I., JR., SAVAGE, C., and OVERALL, J. E.: Diazepam in newly admitted schizophrenics. *Diseases of the Nervous System*, 24(2):746-750, 1963. (Also acknowledges MH-3030).
- HOLLISTER, LEO E., OVERALL, JOHN E., BENNETT, J. LAMAR, KIMBELL, ISHAM, JR., and SHELTON, JACK: Triperidol in newly admitted schizophrenics. *American Journal of Psychiatry*, 122(1):96-99, 1965.
- HOLLISTER, LEO E., OVERALL, JOHN E., BENNETT, J. LAMAR, KIMBELL, ISHAM, JR., and SHELTON, JACK: Triperidol in schizophrenia: Further evidence for specific patterns of action of antipsychotic drugs. *Journal of New Drugs*, 5(1):34-42, 1965.
- HOLLISTER, L. E., OVERALL, J. E., CAFFEY, E., JR., BENNETT, J. L., MEYER, F., KIMBELL, I., JR., and HONIGFELD, G.: Controlled comparison of haloperidol with thiopropazate in newly admitted schizophrenics. *Journal of Nervous and Mental Diseases*, 135(6):544-549, 1962.
- HOLLISTER, L. E., OVERALL, J. E., JOHNSON, M., KATZ, G., KIMBELL, I., JR., and HONIGFELD, G.: Evaluation of desipramine in depressive states. *Journal of New Drugs*, 3:161-166, 1963.
- HOLLISTER, L. E., OVERALL, J. E., JOHNSON, M., PENNINGTON, V., KATZ, G., and SHELTON, J.: Controlled comparison of amitriptyline, imipramine and placebo in hospitalized depressed patients. *Journal of Nervous and Mental Disease*, 139:370-375, 1964.
- HOLLISTER, L. E., OVERALL, J. E., KIMBELL, I., JR., BENNETT, J. L., MEYER, F., and CAFFEY, E., JR.: Oxypertine in newly admitted schizophrenics. *Journal of New Drugs*, 3(1):26-31, 1963.
- HONIGFELD, GILBERT: The ability of schizophrenics to understand normal, psychotic, and pseudo-psychotic speech. *Diseases of the Nervous System*, 24:692-694, 1963.
- HONIGFELD, G.: Effect of an hallucinogenic agent on verbal behavior. *Psychological Reports*, 13:383-385, 1963.
- HONIGFELD, GILBERT: Non-specific factors in treatment. I. Review of placebo reactions and placebo reactors. *Diseases of the Nervous System*, 25(3):145-156, 1964.
- HONIGFELD, GILBERT: Non-specific factors in treatment. II. Review of social-psychological factors. *Diseases of the Nervous System*, 25(4):225-239, 1964.
- HONIGFELD, GILBERT: Temporal effects of LSD-25 and epinephrine on verbal behavior. *Journal of Abnormal Psychology*, 70(4):303-306, 1965.
- OVERALL, J. E.: A configural analysis of psychiatric diagnostic stereotypes. *Behavioral Science*, 8:211-219, 1963.
- OVERALL, J. E., and GORHAM, DONALD R.: A pattern probability model for the classification of psychiatric patients. *Behavioral Science*, 8:108-116, 1963.
- OVERALL, J. E., HOLLISTER, L. E., BENNETT, J. L., SHELTON, J., and CAFFEY, E. M., JR.: Benzquinamide in newly-admitted schizophrenics. A search for patients best treated with a specific drug. *Current Therapeutic Research*, 5:335-342, 1963.
- OVERALL, J. E., HOLLISTER, L. E., JOHNSON, M., and PENNINGTON, V.: Computer classifications of depressions and differential effect of antidepressants. *Journal of the American Medical Association*, 192(6):561, 1965.
- OVERALL, JOHN E., HOLLISTER, LEO E., JOHNSON, MERLIN, and PENNINGTON, VERONICA: Nosology of depression and differential response to drugs. *Journal of the American Medical Association*, 195(11):162-164, 1966.
- OVERALL, JOHN E., HOLLISTER, LEO E., MEYER, FRED, KIMBELL, ISHAM, JR., and SHELTON, JACK: Imipramine and thioridazine in depressed and schizophrenic patients. *Journal of the American Medical Association*, 189:605-608, 1964.
- OVERALL, J. E., HOLLISTER, L. E., HONIGFELD, G., KIMBELL, I. H., JR., MEYER, F., BENNETT, J. L., and CAFFEY, I., JR.: Comparison of acetophenazine with perphenazine in schizophrenics. Demonstration of differential effects based on computer-derived diagnostic models. *Clinical Pharmacology and Therapeutics*, 4(2):200-208, 1963.

- McKITTRICK, KEITH G.: Bodily activity and perceptual activity. *Perceptual and Motor Skills*, 20(3) Part II:1109-1112, 1965.
- MH-5149 (R03) ROSENBLUM, IRA: Periodicity in electroshock seizures. Albany Union University—Albany Medical College, Albany, N.Y. (1961-62)
- ROSENBLUM, I.: Light deprivation as a means of lowering electroshock thresholds in rabbits. *Experimental Neurology*, 8:30-34, 1963.
- MH-5150 (R03) NICHTERN, SOL, BOOK, JAN A., and GRUENBERG, ERNEST M.: Chromosomal abnormalities in childhood schizophrenia. League School, Brooklyn, N.Y. (1961-62)
- BOOK, J. A., NICHTERN, S., and GRUENBERG, E.: Cytogenetical investigations in severe childhood schizophrenia. *Acta Psychiatrica Scandinavica*, 39 (2):309-323, 1963.
- MH-5153 (R03) STRICKLAND, LLOYD H.: An experimental approach to group behavior. Dartmouth College, Hanover, N.H. (1961-62)
- STRICKLAND, L. H., GRUDER, C. L., and KROUPA, K. W.: Response time as a cue in person perception. *Psychological Reports*, 15:827-837, 1964.
- MH-5154 (R01) DE MYER, MARIAN K., and NURNBERGER, JOHN I.: Research center for early childhood schizophrenia. Indiana University, Bloomington, Ind. (1961- )
- HENDRICKSON, LOIS N., and MEBUHL, SIEGMAR: The effect of attention and motor response pretraining on learning to discriminate B and D in kindergarten children. *Journal of Educational Psychology*, 53(5):236-241, 1962.
- LEVITT, E. E., BRADY, J. P., OTTINGER, D. R., and HINESLEY, T.: Effects of sensory restriction on hypnotizability, a clinical study. *Archives of General Psychiatry*, 7:343-344, 1962.
- LOWE, LOIS HENDRICKSON: Families of children with early childhood schizophrenia. *Archives of General Psychiatry*, 14(1):26-30, 1966.
- ONHEIBER, PHYLLIS, WHITE, PHILIP T., DEMYER, MARIAN K., and OTTINGER, DONALD R.: Sleep and dream patterns of child schizophrenics. *Archives of General Psychiatry*, 12(6):168-171, 1965.
- OTTINGER, D. R., and SIMMONS, J. E.: Maternal anxiety during gestation and neonate behavior. *Recent Advances in Biological Psychiatry*, 5:7-12, 1963.
- OTTINGER, DONALD R., SWEENEY, NEIL, and LOEWIS, LOIS HENDRICKSON: Visual discrimination learning in schizophrenic and normal children. *Journal of Clinical Psychology*, 21(3):251-253, 1964.
- TILTON, JAMES R., and OTTINGER, DONALD R.: Comparison of the toy play behavior of autistic, retarded, and normal children. *Psychological Reports*, 15:967-975, 1964.
- WHITE, PHILIP T., DEMYER, WILLIAM E., and DEMYER, MARIAN K.: EEG abnormalities in early childhood schizophrenia: A double-blind study of psychiatrically disturbed and normal children during promazine sedation. *American Journal of Psychiatry*, 120:950-958, 1964.
- MH-5157 (R03) GUNDLACH, RALPH, FRANKLIN, GILBERT H., and MERKELESTEIN, IDA: Analysis of process in group psychotherapy. Postgraduate Center for Mental Health, New York, N.Y. (1961-62)
- GUNDLACH, RALPH H.: A technique for the analysis of process in group psychotherapy. New York Postgraduate Center for Mental Health, April 1963. (Processed).
- RIESS, BERNARD F., GUNDLACH, RALPH, and SAGIE, CLIFFORD J.: The uses and interpretations of follow-up study of patients in psychoanalytic psychotherapy. *Journal of Psychology*, 53:219-231, 1962.
- MH-5159 (R03) GUTTMAN, LOIS: Test for a biological basis for correlated abilities. Israel Institute of Applied Social Research. Jerusalem, Israel. (1961-62)
- GUTTMAN, R.: A test for a biological basis for correlated abilities. In: Goldschmidt, E., ed. *The genetics of migrant and isolate populations*. New York, Williams & Wilkins, 1963, p. 338-339.
- GUTTMAN, RUTH, and GUTTMAN, LOUIS: A test for a biological basis for correlated abilities. Report of the Israel Institute of Applied Social Research. Document No. 7395, ADI Auxiliary Publications Project, Photoduplication Service, Washington, D.C., Library of Congress, 1966, p. 1-24. (Processed)
- GUTTMAN, RUTH, and GUTTMAN, LOUIS: Cross-cultural stability of an intercorrelation pattern of abilities: A possible test for a biological basis. *Human Biology*, 35:53-60, 1963.
- MH-5161 (R01) LEMERT, EDWIN M.: Use of alcohol in the Polynesia-Hawaiian Islands. University of California, Davis, Calif. (1961-62) (Continued from MH-3158).



- LEMBERT, EDWIN M.: Stuttering and social structure in two Pacific societies. *Journal of Speech and Hearing Disorders*, 27:3-10, 1962. (Also acknowledges MH-3158).
- LEMERT, EDWIN M.: Alcohol use in Polynesia. *Tropical and Geographical Medicine*, 14:183-191, 1962. (Also acknowledges MH-3158).
- LEMERT, EDWIN M.: Forms and pathology of drinking in three Polynesian societies. *American Anthropologist*, 66:361-374, 1964. (Also acknowledges MH-3158).
- LEMERT, E. M.: Drinking in Hawaiian plantation society. *Quarterly Journal of Studies on Alcohol*, 25:689-713, 1964. (Also acknowledges MH-3158).
- MH-5162 (R01) BANDURA, ALBERT: Learning of aggressive behavior through imitation. Stanford University, Stanford, Calif. (1961- )
- BANDURA, A.: Social learning through imitation. In: Jones, M. R., ed. *Nebraska symposium on motivation: 1962* Lincoln, University of Nebraska, 1962, p. 211-269.
- BANDURA, A.: Behavior theory and identificatory learning. *American Journal of Orthopsychiatry*, 33:591-601, 1963.
- BANDURA, A.: The role of imitation in personality development. *Journal of Nursery Education*, 18: 207-215, 1963. (Also acknowledges MH-1734 and MH-4398).
- BANDURA, ALBERT: Influence of models' reinforcement contingencies on the acquisition of imitative responses. *Journal of Personality and Social Psychology*, 1(6):589-595, 1965.
- BANDURA, A., and KUPERS, CAROL J.: Transmission of patterns of self-reinforcement through modeling. *Journal of Abnormal and Social Psychology*, 69(1):1-9, 1964.
- BANDURA, A., and McDONALD, F. J.: Influence of social reinforcement and the behavior of models in shaping children's moral judgments. *Journal of Abnormal and Social Psychology*, 67:274-281, 1963.
- BANDURA, ALBERT, and MISCHEL, WALTER: Modification of self-imposed delay of reward through exposure to live and symbolic models. *Journal of Personality and Social Psychology*, 2(5):698-705, 1965. (Also acknowledges MH-6830).
- BANDURA, ALBERT, and ROSENTHAL, THEODORE L.: Vicarious classical conditioning as a function of arousal level. *Journal of Personality and Social Psychology*, 3(1):54-62, 1966.
- BANDURA, A., ROSS, DOROTHEA, and ROSS, SHEILA A.: Imitation of film-mediated aggressive models. *Journal of Abnormal and Social Psychology*, 66: 3-11, 1963. (Also acknowledges MH-4398).
- BANDURA, A., ROSS, DOROTHEA, and ROSS, SHEILA A.: Vicarious reinforcement and imitative learning. *Journal of Abnormal and Social Psychology*, 67:601-607, 1963.
- BANDURA, A., ROSS, DOROTHEA, and ROSS, SHEILA A.: Imitation of film-mediated aggressive models. In: Palermo, D. S., and Lipsitt, L. P., eds. *Research readings in child psychology*. New York, Holt, Rinehart and Winston, 1963, p. 142-153.
- BANDURA, A., ROSS, DOROTHEA, and ROSS, SHEILA A.: A comparative test of the status envy, social power and secondary reinforcement theories of identificatory learning. *Journal of Abnormal and Social Psychology*, 67:527-534, 1964.
- BANDURA, A., and WALTERS, R. H.: Aggression. In: Child psychology: The sixty-second yearbook of the National Society for the Study of Education. Part 1. Chicago, National Society for the Study of Education, 1963, p. 364-415.
- MH-5163 (R01) CLEMENTE, CARMINE D., ADEY, W. ROSS, GREEN, JOHN D., FUSTER, JOACHIM M., and MAXWELL, DAVID S.: Functional role of the rhinencephalon. University of California, Berkeley, Calif. (1961-65)
- ADEY, W. R.: The modelling of cerebral systems from the computation of brain wave records. Endicott, N.Y., 4th IBM Medical Symposium, 1961, 16 p.
- ADEY, W. R.: Studies of integrative processes in cerebral systems based on mathematical analysis of electroencephalographic records. (Abstract) *Science*, 135:1425-1426, 1961.
- ADEY, W. R.: EEG records in training situations, including computer analysis. In: Symposium on neurophysiological and neuroendocrinological studies in relation to experience. Cincinnati, 6th Annual VA Research Conference, 6:100-108, 1961.
- ADEY, W. R., BELL, F. R., and DENNIS, B. J.: Effects of LSD-25, psilocybin, and psilocin on temporal lobe EEG patterns and learned behavior in the cat. *Neurology*, 12:591-602, 1962.
- ADEY, W. R., KADO, R. T., and DIDIO, J.: Impedance measurements in brain tissue of animals using microvolt signals. *Experimental Neurology*, 5: 47-66, 1962.
- ADEY, W. R., and WALTER, D.: Application of phase detection and averaging techniques in computer analysis of EEG records in the cat. *Experimental Neurology*, 7:186-209, 1963.
- ADEY, W. R., WALTER, D. O., and LINDSLEY, D. F.: Effects of subthalamic lesions on learned behavior and correlated hippocampal and subcortical slow-wave activity. *A. M. A. Archives of Neurology*, 6:180-189, 1962.

- CLEMENTE, C. D., and RICHARDSON, H. E.: Some observations of radiation effects on the blood brain barrier and cerebral blood vessels. In: Haley, Thomas J., Snider, Ray S., and Linde, Shirley Motter. *Response of the nervous system to ionizing radiation*. New York, Academic, 1962, p. 411-428.
- CLEMENTE, C. D., and STERMAN, M. B.: The induction of behavioral and EEG sleep patterns with basal forebrain stimulation. (Abstract) *Excerpta Medica*, 38:83-84, 1961.
- CLEMENTE, C. D., and STERMAN, M. B.: Cortical synchronization and sleep patterns in acute restrained and chronic behaving cats induced by basal forebrain stimulation. *Electroencephalography and Clinical Neurophysiology*, Suppl. 24: 172-187, 1963.
- CLEMENTE, C. D., STERMAN, M. S., and WYRWICKA, W.: Forebrain inhibitory mechanisms: Conditioning of basal forebrain induced EEG synchronization and sleep. *Experimental Neurology*, 7:400-417, 1963.
- GOODMAN, S., and CLEMENTE, C. D.: Thalamic influences on the monosynaptic spinal reflex. (Abstract) *Federation Proceedings*, 21:343, 1962.
- GREEN, J. D.: Comparative aspects of hypophysial innervation with special reference to neurosecretion. *Brain and Nerve*, 13:915-918, 1961.
- GREEN, J. D.: The function of the hippocampus. *Endeavour*, 22:80-84, 1963.
- GREEN, J. D.: The hippocampus. *Physiological Reviews*, 44(4):561-608, 1964.
- GREEN, J. D., MANCIA, M., and VONBAUMGARTEN, R.: Recurrent inhibition in the olfactory bulb. I. Effects of antidromic stimulation of the lateral olfactory tract. *Journal of Neurophysiology*, 25: 467-488, 1962.
- GREEN, J. D., and NEGISHI, K.: Membrane potentials in hypoglossal motoneurons. *Journal of Neurophysiology*, 26:835-856, 1963.
- LINDSLEY, D. F., WENDT, R. H., FUGETT, R., LINDSLEY, D. B., and ADEY, W. R.: Diurnal activity cycles in monkeys under prolonged visual-pattern deprivation. *Journal of Comparative and Physiological Psychology*, 55:633-640, 1962.
- MANCIA, M., BAUMGARTEN, R. VON, and GREEN, J. D.: Response patterns of olfactory bulb neurons. *Archives Italiennes de Biologie*, 100:449-462, 1962.
- MANCIA, M., GREEN, J. D., and BAUMGARTEN, R. VON: Reticular control of single neurons in the olfactory bulb. *Archives Italiennes de Biologie*, 100:463-475, 1962.
- MAXWELL, D. S., and MISRAHY, G.: The inactivation potential in the cerebellar cortex of the rabbit. *Anatomical Record*, 145:258, 1963.
- REINOSO-SUAREZ, F., and FUSTER, J. M.: Effects of subcortical lesions on the potentials evoked in the visual pathway by light stimuli and geniculate shock. (Abstract) In: 5th International Congress of Electroencephalography and Clinical Neurophysiology, Rome—September 7-13, 1961, p. 215-216. (*Excerpta Medica*, International Congress Series No. 37)
- SCHJEIDE, O., YAMAKAZI, J. N., CLEMENTE, C. D., RAGEN, N., and SIMONS, S.: Biological effects of x-irradiation in the brain of the neonatal rat. In: Haley, T., and Schneider, R., eds. *Response of the nervous system to ionizing radiation*. New York, Academic Press, 1962, p. 95-108.
- STERMAN, M. B., and CLEMENTE, C. D.: Limbic and thalamic relationships of the basal forebrain recruitment area. (Abstract) *Physiologist*, 4:117, 1961.
- STERMAN, M. B., and CLEMENTE, C. D.: Forebrain inhibitory mechanisms: Cortical synchronization induced by basal forebrain stimulation. *Experimental Neurology*, 6:91-102, 1962.
- STERMAN, M. B., and CLEMENTE, C. D.: Forebrain inhibitory mechanisms: Sleep patterns induced by basal forebrain stimulation in the behaving cat. *Experimental Neurology*, 6:103-117, 1962.
- STERMAN, M. B., HALL, R., BROWN, L., and CLEMENTE, C. D.: Acute and chronic studies of the basal forebrain synchronizing system. (Abstract) *Anatomical Record*, 42:282, 1962.
- STERMAN, M. B., WYRWICKA, W., and CLEMENTE, C. D.: Behavioral patterns induced by basal forebrain stimulation. (Abstract) *Federal Proceedings*, 21:344, 1962.
- VON BAUMGARTEN, R., GREEN, J. D., and MANCIA, M.: Slow waves in the olfactory bulb and their relation to unitary discharges. *Electroencephalography and Clinical Neurophysiology*, 14:621-634, 1962.
- VON BAUMGARTEN, R., GREEN, J. D., and MANCIA, M.: Recurrent inhibition in the olfactory bulb. II. Effects of antidromic stimulation of commissural fibers. *Journal of Neurophysiology*, 25: 489-500, 1962.
- WALTER, DONALD O.: Spectral analysis for electroencephalograms: Mathematical determination of neurophysiological relationships from records of limited duration. *Experimental Neurology*, 8: 155-181, 1963.
- WALTER, D. O., and ADEY, W. R.: Spectral analysis of EEG's recorded during learning in the cat, before and after subthalamic lesions. *Experimental Neurology*, 6:481-501, 1963.
- WYRWICKA, W., STERMAN, M. B., and CLEMENTE, C. D.: Conditioning of induced electroencephalographic sleep patterns in the cat. *Science*, 137: 616-618, 1962.

- YAMAKAZI, J. N., BENNETT, L. R., and CLEMENTE, C. D.: Behavioral and histologic effects of head irradiation in newborn rats. In: Haley, T., and Schneider, R., eds. *Response of the nervous system to ionizing radiation*. New York, Academic, 1962, p. 95-108.
- MH-5170 (R03) LOVAAS, OLE I.: Interaction between verbal and nonverbal behavior. University of Washington, Seattle, Wash. (1961-61)
- LOVAAS, O. IVAR: The control of food-intake in children by reinforcement of relevant verbal behavior. *Journal of Abnormal and Social Psychology*, 68:672-678, 1964.
- MH-5173 (R01) ADLER, MARTIN W.: Chronic brain lesions and responsiveness to drugs. Temple University School of Medicine, Philadelphia, Pa. (1961- )
- ADLER, MARTIN W.: "Cumulative" effect of tetra-benazine in rats. (Abstract) *Pharmacologist*, 5(2):262, 1963.
- ADLER, MARTIN W.: Threshold changes to hexa-fluorodiethyl ether(Indokeon) following cortical lesions in rats. *Pederation Proceedings*, 23(2):349, 1964.
- ADLER, MARTIN W.: Enhanced depressant effects of tetra-benazine after repeated administration. *Psychopharmacologia*, 5:393-396, 1964.
- ADLER, MARTIN W.: Increased sensitivity to pentyl-enetetrazol and fluoroethyl following cortical ablations in rats. *Journal of Pharmacology and Experimental Therapeutics*, 148(1):131-135, 1965.
- ADLER, M. W., KURIYAMA, K., and MAYNERT, E. W.: Norepinephrine and 5-hydroxytryptamine in rat brain stem following cortical lesions. *Life Sciences*, 4(2):141-144, 1965.
- ADLER, MARTIN W., REIDENBERG, MARCUS M., HARAKAL, CONCETTA, RUSY, BEN F., and PAPA-COSTAS, CHARLES A.: Cardiovascular effects of hexafluorodiethyl ether. *International Journal of Neuropsychiatry*, 1(5):511-512, 1965.
- MH-5174 (R03) COHEN, JACOB: The power of abnormal-social psychological research. New York University, New York, N.Y. (1961-61)
- COHEN, JACOB: The statistical power of abnormal-social psychological research: A review. *Journal of Abnormal and Social Psychology*, 65:145-153, 1962.
- MH-5176 (R03) CHANSKY, NORMAN M.: Progress of promoted and repeating grade 1 failures. Ulster County Board of Education, New Paltz, N.Y. (1961-62)
- CHANSKY, N. M.: Progress of promoted and repeating grade 1 failures. *Journal of Experimental Education*, 32(3):225-237, 1964.
- MH-5181 (R01) GOODE, WILLIAM J.: Propositional inventory in the family. Columbia University, New York, N.Y. (1961-62) (Continued from MH-2526).
- GOODE, WILLIAM J.: Illegitimacy, anomie, and cultural penetration. *American Sociological Review*, 26:910-925, 1961. (Also acknowledges MH-2526).
- GOODE, WILLIAM J.: Family disorganization. In: Merton, Robert K., and Nisbet, Robert A.: *Social disorganization*. New York, Harcourt, Brace, 1961, p. 390-458. (Also acknowledges MH-2526).
- GOODE, WILLIAM J.: The sociology of the family. In: Merton, R. K., Broom, L., and Cottrell, L. S., Jr., eds. *Sociology today*. New York, Basic Books, 1961, p. 178-196. (Also acknowledges MH-2526).
- GOODE, WILLIAM J.: The family as an element in the world revolution. New York, Institute of Life, Insurance, 1962, 19 p. (Also acknowledges MH-2526).
- GOODE, WILLIAM J.: Marital satisfaction and instability: A cross-cultural class analysis of divorce rates. *International Social Science Journal*, 14(3):507-526, 1962. (Also acknowledges MH-2526).
- GOODE, WILLIAM J.: Outdoor recreation and the family to the year 2000. In: Trends in American living and outdoor recreation. (ORRRC Study Report 22). Washington, D.C., Government Printing Office, 1962, p. 101-113. (Also acknowledges MH-2526).
- GOODE, WILLIAM J.: Industrialization and family change. In: Hoselits, Bert F., and Moore, Wilbert B., eds. *Industrialization and society*. New York, UNESCO, 1963, p. 237-255. (Also acknowledges MH-2526).
- GOODE, WILLIAM J.: The role of the family in industrialization. In: Social problems of development and industrialization: Science, technology, and development. United Nations Conference Papers on the Application of Science and Technology for the Benefit of the Less Developed Areas (Geneva). Vol. 7. Washington, D.C., Government Printing Office, 1963, p. 32-38. (Also acknowledges MH-2526).
- GOODE, WILLIAM J.: World revolution and family patterns. New York, Free Press of Glencoe, 1963. (Also acknowledges MH-2526).
- MH-5183 (R01) SEGUNDO, JOSE P., BURNDIA, NICOLAS, IZQUIERDO, IVAN, and YARRAZAVAL, SERGIO: Learned mechanisms in arousal. University of California, Los Angeles, Calif. (1961-64)
- BELL, C., BURNDIA, N., SIERRA, G., and SEGUNDO, J. P.: Mesencephalic reticular responses to natural

- and to repeated sensory stimuli. *Experientia*, 19: 308, 1963.
- BELL, C., SIERRA, G., and BUENDIA, N.: Sensory properties of mesencephalic units. (Abstract) *Federation Proceedings*, 22:337, 1963.
- BELL, C., SIERRA, G., BUENDIA, N., and SEGUNDO, J. P.: Sensory properties of neurons in the mesencephalic reticular formation. *Journal of Neurophysiology*, 27:961-987, 1964.
- BUENDIA, N., GOODE, M., and SIERRA, G.: Behavioral and E.E.G. study of pitch discrimination in naturally sleeping cats. (Abstract) *Federation Proceedings*, 21:347, 1962.
- BUENDIA, N., GOODE, M., SIERRA, G., and SEGUNDO, J. P.: Responsiveness and discrimination during sleep. *Experientia*, 19:208, 1963.
- BUENDIA, N., SIERRA, G., GOODE, M., and SEGUNDO, J. P.: Conditioned and discriminatory responses in wakeful and in sleeping cats. *Electroencephalography and Clinical Neurophysiology*, 24:201-218, 1963.
- IZQUIERDO, I., and WYRWICKA, W.: Trace reflexes during sleep. (Abstract) *Federation Proceedings*, 22:638, 1963.
- JACOBSON, A., KALES, A., LEHMANN, D., and HOEDEMAEKER, F. S.: Muscle tonus in human subjects during sleep and dreaming. *Experimental Neurology*, 10:418-424, 1964.
- SEGUNDO, J. P.: A hypothesis concerning the sharp pitch discrimination observed in the sleeping cat. *Experientia*, 20:415-420, 1964.
- SEGUNDO, J. P., and MOORE, G. P.: Functional significance of neuronal spike discharge parameters. *Boletín del Instituto de Estudios Médicos y Biológicos*, 21:371-373, 1963.
- SEGUNDO, J. P., and MOORE, G. P.: Organization of neuronal groups inferred from analysis of spontaneous activity patterns. *Physiologist*, 6:272, 1963.
- SEGUNDO, J. P., MOORE, G. P., STENSAAS, L., and BULLOCK, T. H.: Sensitivity of neurones in Aplysia to temporal pattern of arriving impulses. *Journal of Experimental Biology*, 40:643-667, 1963.
- SEGUNDO, J. P., and STENSAAS, L.: Post synaptic potential as functions of the temporal pattern of pre-synaptic volleys in Aplysia californica. *Federation Proceedings*, 21:356, 1962.
- SIERRA, G., GOODE, M., and BUENDIA, N.: Behavioral and EEG study of pitch discrimination in wakeful cats. *Federation Proceedings*, 21:347, 1962.
- MH-5184 (R01) ATKINSON, RICHARD C.: Mathematical models for discrimination learning. Stanford University, Stanford, Calif. (1961-64)
- ATKINSON, R. C.: Choice behavior and monetary payoff. In: Criswell, J., Solomon, H., and Suppes, P., eds. *Mathematical methods in small group processes*. Stanford, Calif., Stanford University Press, 1962, p. 23-34.
- ATKINSON, R. C.: Mathematical models in research with children. In: Wright, J. C., and Kagen, J., eds. *Basic cognitive processes in children. Monograph of the Society for Research in Child Development*, 28(2):145-163, 1963. (Serial No. 86).
- ATKINSON, R. C.: A variable sensitivity theory of signal detection. *Psychological Review*, 70:91-106, 1963.
- ATKINSON, R. C.: Mathematical models in research on perception and learning. In: Marx, M. H., ed. *Theories in contemporary psychology*. New York, Macmillan, 1963, p. 551-564.
- ATKINSON, R. C., and CALFEE, R. C.: An automated system for discrete-trial research with animals. *Psychological Reports*, 14:424-426, 1964.
- ATKINSON, R. C., CALFEE, R. C., SOMMER, G. R., JEFFREY, W. E., and SHORMAKER, R.: A test of three models for stimulus compounding with children. *Journal of Experimental Psychology*, 67: 52-58, 1964.
- ATKINSON, R. C., CARTERETTE, E. C., and KINCHLA, R. A.: Sequential phenomena in psychophysical judgments: A theoretical analysis. *Institute of Radio Engineers Transactions on Information Theory*, IT-8:S155-S162, 1962.
- ATKINSON, R. C., and ESTES, W. K.: Stimulus sampling theory. In: Luce, R. D., Bush, R. R., and Galanter, E., eds. *Handbook of mathematical psychology*. Vol. 2. New York, Wiley, 1963, p. 121-268.
- MH-5186 (R01) ALBEE, GEORGE W., and LANE, ELLEN A.: Childhood intelligence of adult schizophrenics. Western Reserve University, Cleveland, Ohio. (1961- )
- ALBEE, GEORGE W., LANE, ELLEN A., CORCORAN, CLAIRE, and WERNKE, ANN: Childhood and intercurrent intellectual performance of adult schizophrenics. *Journal of Consulting Psychology*, 27:364-366, 1963.
- ALBEE, GEORGE W., LANE, ELLEN A., and REUTER, JEANETTE: Childhood intelligence of future schizophrenics and neighborhood peers. *Journal of Psychology*, 58:141-144, 1964.
- LANE, ELLEN A., and ALBEE, GEORGE W.: Childhood intellectual development of adult schizophrenics. *Journal of Abnormal and Social Psychology*, 67:186-189, 1963.
- LANE, ELLEN A., and ALBEE, GEORGE W.: Early childhood intellectual differences between schizophrenic adults and their siblings. *Journal of Abnormal and Social Psychology*, 68:193-195, 1964.

- LANE, ELLIEN A., and ALBER, GEORGE W.: Childhood intellectual differences between schizophrenic adults and their siblings. *American Journal of Orthopsychiatry*, 35(4):747-753, 1965.
- Schizophrenic deficit in IQ is held inborn. *Medical Tribune*, 1-12, April 12, 1965.
- MH-5193 (R03) DERKS, PETER L.: Human binary choice behavior. College of William and Mary, Williamsburg, Va. (1961-62)
- DERKS, P. L.: The effect of the run length on the "gambler's fallacy." *Journal of Experimental Psychology*, 65:213-214, 1963.
- MH-5196 (R03) WIKI, EDWARD L.: Reinforcement schedules and secondary reinforcement. University of Kansas, Lawrence, Kans. (1961-62)
- WIKE, E. L., and FARROW, B. J.: The effects of drive intensity and secondary reinforcement. *Journal of Comparative and Physiological Psychology*, 55:1024-1028, 1962.
- WIKE, E. L., and PLATT, J. R.: Reinforcement schedules and bar pressing: Some extensions of Zimmerman's work. *Psychological Record*, 12: 273-278, 1962.
- WIKE, E. L., PLATT, J. R., and KNOWLES, J. M.: The reward value of getting out of a starting box: Further extensions of Zimmerman's work. *Psychological Record*, 12:397-400, 1962.
- WIKE, E. L., PLATT, J. R., and SCOTT, D.: Drive and secondary reinforcement: Further extensions of Zimmerman's work. *Psychological Record*, 13: 45-49, 1963.
- MH-5201 (R01) GOLDMAN-EISLER, FRIEDA: Effect of drugs on speech production. London, University of—University College, London, U.K. (1961- )
- GOLDMAN-EISLER, FRIEDA: Hesitation, information and levels of speech production. In: de Reuck, A. V. S., and O'Connor, Maeve, eds. *Disorders of Language: Ciba Foundation Symposium*. Boston, Little, Brown, & Co., 1964, p. 96-114.
- GOLDMAN-EISLER, F., SKARBK, A., and HENDERSON, A.: The effect of chlorpromazine on speech behaviour. *Psychopharmacologia*, 7(3):220-229, 1965.
- GOLDMAN-EISLER, FRIEDA, SKARBK, ANDREW, and HENDERSON, ALAN: Breath rate and the selective action of chlorpromazine on speech behavior. *Psychopharmacologia*, 8(6):415-427, 1966.
- MH-5202 (R10) LEHMANN, HEINZ E., and BAN, THOMAS A.: Comprehensive clinical studies of psychoactive drugs. Verdun Protestant Hospital, BAN, THOMAS A.: The butyrophenones in psychiatry. In: Lehmann, H. E., and Ban, T. A., eds. *The butyrophenones in psychiatry*. L'Annonciation, Quebec, First North American Symposium held at "Hospital des Laurentides," January 10, 1964, p. 120-122.
- BAN, THOMAS A.: Human pharmacology and systematic clinical studies with a new phenothiazine. In: Proceedings of the Leeds Symposium on Behavioural Disorders, March 25-27, 1965, p. 3-16.
- BAN, T. A., FERGUSON, K., and LEHMANN, H. E.: The effect of clopenthixol on chronic psychiatric patients. *American Journal of Psychiatry*, 119: 984-985, 1963.
- BAN, T. A., and LEHMANN, H. E.: Clinical trial with desmethylinipramine (G-35020) a new antidepressive compound. *Canadian Medical Association Journal*, 86:1030-1031, 1962.
- BAN, T. A., and LEHMANN, H. E.: Skin pigmentation, a rare side effect of chlorpromazine. *Canadian Psychiatric Association Journal*, 10(2):112-124, 1965.
- BAN, T. A., LEHMANN, H. E., GALLAI, Z. WARNES, H., and LEE, H.: Rapport entre la photosensibilite et la pigmentation pathologique de la peau avec des doses elevees de chlorpromazine. *L'Union Med. du Canada*, 94:305-307, 1965.
- BAN, T. A., LEHMANN, H. E., MATTHEWS, VALERIE, and DONALD, M.: Comparative study of chlorpromazine and chlorthalidoxepoxide in the prevention and treatment of alcohol withdrawal symptoms. *Clinical Medicine*, 72:59-67, 1965.
- BAN, T. A., LEHMANN, H. E., and ROY, P.: Rapport preliminaire sur l'effet therapeutique du Flagyl dans l'alcoolisme. *L'Union Medicale du Canada*, 95:147-149, 1966.
- BAN, T. A., and MCGINNIS, K.: Comparative clinical study of two hypnotic drugs. *Canadian Medical Association Journal*, 87:816-817, 1962.
- BAN, T. A., PAPATHOMPOPOULOS, E., and SCHWARZ, L.: Clinical studies with thioproperazine (Majep-til). *Comprehensive Psychiatry*, 3:284-291, 1962.
- BAN, T. A., and ST. JEAN, A.: The effect of phenothiazines on the electrocardiogram. *Canadian Medical Association Journal*, 91:537-540, 1964.
- BAN, T. A., and ST. JEAN, A.: Electrocardiographic changes induced by phenothiazine drugs. *American Heart Journal*, 70(4):575, 1965.
- BAN, T. A., ST. JEAN, A., and DESAUTELS, S.: The effects of phenothiazines on the human electrocardiogram. In: Bente, D., and Bradley, P. B., eds. *Neuro-psychopharmacology*. Vol. 4. Am-

- levomepromazine. *Journal of Neuropsychiatry*, 5: 112-117, 1963.
- BAN, T. A., and STONEHILL, E.: Clinical observations on the differential effects of a butyrophenone (Haloperidol) and a phenothiazine (Fluphenazine) in chronic schizophrenic patients. In: Lehmann, H. E., and Ban, T. A., eds. *The butyrophenones in psychiatry*. L'Annonciation, Quebec, First North American Symposium held at Hospital des Laurentides, January 10, 1964, p. 113-119.
- BRUTKU, I., BAN, T. A., and LEHMANN, H. E.: The effect of trimipramine on newly admitted depressed patients. In: Lehmann, H. E., and Berthiaume, M., eds. *Trimipramine, a new anti-depressant*. Montreal-Gamelin, Quebec, North American Colloquium on Trimipramine, 1964, p. 59-64.
- FLÜGEL, H.: Pharmako-psychiatrische Forschungsabteilungen in Landeskrankenhäusern und ihre Zusammenarbeit nach nordamerikanischen Erfahrungen. *Psychiatria Neurologia, Neurochirurgia, Basel* (Switzerland), 148:365-379, 1964.
- LEHMANN, H. E., and BAN, T. A., eds. The butyrophenones in psychiatry. L'Annonciation, Quebec, First North American Symposium, 1964, 164 p.
- LEHMANN, H. E., and BAN, T. A.: Notes from the log-book of a psychopharmacological research unit 1. *Canadian Psychiatric Association Journal*, 9: 28-32, 1964.
- LEHMANN, H. E., and BAN, T. A.: Pigmentation de la peau: consécutif à l'administration prolongée de fortes doses de chlorpromazine. *Annales de Dermatologie et de Syphiligraphie* (Paris), 92(3): 287-289, 1965.
- LEHMANN, H. E., BAN, T. A., and DONALD, M.: Rating the rater: An experimental approach to the methodological problem of interrater agreement. *Archives of General Psychiatry*, 13(1): 67-75, 1965.
- LEHMANN, H. E., BAN, T. A., GRÖZSY, B., and KATO, L.: Potentiation of pharmacological and therapeutic action of phenothiazines by nylidrin (arlidin). *Canadian Psychiatric Association Journal*, 5:36-43, 1964.
- LEHMANN, H. E., BAN, T. A., MATTHEWS, V., and GARCIA-RILL, T.: The effects of haloperidol on acute schizophrenic patients. A comparative study of haloperidol, chlorpromazine and chlorprothixene. In: Lehmann, H. E., and Ban, T. A., eds. *The butyrophenones in psychiatry*. L'Annonciation, Quebec, First North American Symposium held at "Hospital des Laurentides," 1964, p. 77-88.
- MATTHEWS, VALERIE, LEHMANN, H. E., and BAN, T. A.: A comparative study of thirteen hypnotic drugs. *Applied Therapeutics*, 6(10):806-809, 1964.
- ROY, P., ST-JEAN, A., BAN, T., and NOE, W.: Studies with antiparkinsonian drugs with chronic psychiatric patients. *International Journal of Neuropsychiatry*, 2(1):65-69, 1966.
- ST. JEAN, A., BAN, T. A., and NOE, W.: The effect of trimipramine on psychophysical test performances. In: Lehmann, H. E., and Berthiaume, M., eds. *Trimipramine, a new anti-depressant*. Montreal-Gamelin, Quebec, North American Colloquium on Trimipramine, 1964, p. 29-33.
- ST. JEAN, A., BAN, T. A., and NOE, W.: Psychopharmacological studies with Neoserp and Aldomet. *International Journal of Neuropsychiatry*, 1(5):491-503, 1965.
- ST. JEAN, A., CSORBA, T., NOE, W., and BANN, T. A.: Human pharmacology and progressive clinical screening of a new psychoactive compound (Ciba 30,803 Ba). *Diseases of the Nervous System*, 26(7)430-434, 1965.
- ST. JEAN, A., DONALD, M., and BAN, T. A.: Interchangeability of antiparkinsonian medication. *American Journal Psychiatry*, 120:1189-1190, 1964.
- ST. JEAN, A., LIDSKY, A., BAN, T. A., and LEHMANN, H. E.: The psychophysical effects of the butyrophenones in male schizophrenics. In: Lehmann, H. E., and Ban, T. A., eds. *The butyrophenones in psychiatry*. L'Annonciation, Quebec, First North American Symposium held at "Hospital des Laurentides," 1964, p. 38-52.
- WARNES, H., LEE, H., and BAN, T.: The comparative effectiveness of butyrophenones in chronic psychotic patients. In: Lehmann, H. E., and Ban, T. A., eds. *The butyrophenones in psychiatry*. L'Annonciation, Quebec, First North American Symposium held at "Hospital des Laurentides," 1964, p. 100-112.
- MH-5203 (R01) SCHACHTER, STANLEY: Cognitive and physiological determinants of emotion. Columbia University, New York, N.Y. (1961-64) (Continued from MH-2584).
- LATANÉ, B., and SCHACHTER, S.: Adrenalin and avoidance learning. *Journal of Comparative and Physiological Psychology*, 55:369-372, 1962. (Also acknowledges MH-2584).
- RADLOFF, R.: Opinion evaluation and affiliation. *Journal of Abnormal and Social Psychology*, 62: 578-583, 1961. (Also acknowledges MH-2584).

- CHACHTER, S.: Birth orders, eminence and higher education. *American Sociological Review*, 28: 757-768, 1963. (Also acknowledges MH-2584).
- CHACHTER, S., and SINGER, J.: Cognitive, social and physiological determinants of emotional state. *Psychological Review*, 69:379-399, 1962. (Also acknowledges MH-2584).
- CHACHTER, S., and WHEELER, L.: Epinephrine, chlorpromazine and amusement. *Journal of Abnormal and Social Psychology*, 65:121-128, 1962. (Also acknowledges MH-2584).
- SINGER, J.: Sympathetic activation, drugs and fright. *Journal of Comparative and Physiological Psychology*, 56:612-615, 1963. (Also acknowledges MH-2584).
- MH-5204 (R01) KELLAWAY, PETER, and GOL, ALEXANDER: Behavioral changes following hippocampectomy. Baylor University, Houston, Texas. (1961- )
- GOL, A., KELLAWAY, PETER, and SHAPIRO, M.: Behavioral changes in the monkey and the cat after extensive hippocampal removal. (Abstract) *Neurology*, 12(4):303, 1962.
- GOL, ALEXANDER, KELLAWAY, PETER, SHAPIRO, MARTIN, and HURST, C. M.: Studies of hippocampectomy in the monkey, baboon, and cat. Behavioral changes and a preliminary evaluation of cognitive function. *Neurology*, 13:1031-1041, 1963.
- OW, MORTON, D., BORDA, ROBERT P., and KELLAWAY, PETER: "Contingent negative variation" in rhesus monkeys: An EEG sign of a specific mental process. *Perceptual and Motor Skills*, 22(2): 443-446, 1966.
- SHAPIRO, MARTIN M., GOL, ALEXANDER, and KELLAWAY, PETER: Acquisition, retention, and discrimination reversal after hippocampal ablation in monkeys. *Experimental Neurology*, 13(2):128-144, 1965.
- MH-5207 (R01) LAW, O. THOMAS: Neural mechanisms of reproduction. Claremont Graduate School and University Center, Claremont, Calif. (1961-64)
- ALL, R. J., and WILSONCROFT, W. E.: Prolonging visual after images. *Psychonomic Science*, 1: 267-268, 1964.
- UDSPETH, WILLIAM J.: Strychnine: Its facilitating effect on the solution of a simple oddity problem by the rat. *Science*, 145:1331-1333, 1964.
- LAW, O. THOMAS, and ADAMS, J.: A versatile solderless electrode carrier. *Psychiatric Reports*, 13:539-541, 1963.
- LAW, O. THOMAS, and SKINNER, JAMES E.: Sexual behavior: Postcopulatory heart rate in the male and female rat. *Psychonomic Science*, 1:235-236, 1964.
- SACKETT, G. P.: A neural mechanism underlying unlearned, critical period, and developmental aspects of visually controlled behavior. *Psychological Review*, 70:40-50, 1963.
- WATANABE, K., and LAW, T.: Techniques for chronic electrode implantation and brain potential recordings. *Psychological Reports*, 15:691-694, 1964.
- WILSONCROFT, WILLIAM E.: Effects of median cortex lesions on the maternal behavior of the rat. *Psychological Reports*, 13:835-838, 1963.
- WILSONCROFT, W. E., and SHUPP, D. V.: Tail, paw and pup retrieving in the rat. *Psychonomic Science*, 3(11):494, 1965.
- MH-5209 (R01) PETERSON, MARGARET J.: Cues, observing responses and concept formation. Indiana University, Bloomington, Ind. (1961-63)
- PETERSON, MARGARET JEAN: Some effects of the percentage of relevant cues and presentation methods on concept identification. *Journal of Experimental Psychology*, 64:623-627, 1962. (Also acknowledges MH-3707).
- PETERSON, MARGARET J.: Cue trials, frequency of presentation, and mediating responses. *Journal of Experimental Psychology*, 67:432-438, 1964.
- PETERSON, M. J.: Effects of delay intervals and meaningfulness of verbal mediating responses. *Journal of Experimental Psychology*, 69(1):60-66, 1965.
- PETERSON, M. J., and BLATTNER, K. C.: Development of a verbal mediator. *Journal of Experimental Psychology*, 66:72-77, 1963.
- PETERSON, M. J., and COLAVITA, F. B.: Strategies, type of solution, and stage of learning. *Journal of Experimental Psychology*, 68(6):578-587, 1964.
- PETERSON, M. J., COLAVITA, F. B., SHEAHAN, D. B., and BLATTNER, K. C.: Verbal mediating chains and response availability as a function of the acquisition paradigm. *Journal of Verbal Learning and Verbal Behavior*, 3:11-18, 1964.
- MH-5213 (R01) LARSSON, KNUT: Neurological mechanisms in reproductive behavior. University of Gothenburg, Gothenburg, Sweden. (1961-64)
- LARSSON, KNUT: Mating behavior in male rats after cerebral cortex ablation: Effects of lesions in the dorsolateral and the median cortex. *Journal of Experimental Zoology*, 151:167-176, 1962.
- SVEN, G. CARLSSON, and LARSSON, KNUT: Intromission frequency and intromission duration in the male rat mating behaviour. *Scandinavian Journal of Psychology*, 3:189-191, 1962.

- City University of New York, New York, N.Y. (1961-63)
- ZEIGLER, N. P.: Effects of endbrain lesions upon visual discrimination learning in pigeons. *Journal of Comparative Neurology*, 120:161-182, 1963.
- ZEIGLER, N. P.: Effects of forebrain lesions upon activity in pigeons. *Journal of Comparative Neurology*, 120:183-194, 1963.
- ZEIGLER, H. PHILIP: Displacement activity and motivational theory: A case study in the history of ethology. *Psychological Bulletin*, 61(5):362-376, 1964.
- MH-5220 (R03) WHATLEY, CHARLES D.: Employers, ex-mental patients, and job durability. University of Oklahoma, Norman, Okla. (1961-61)
- WHATLEY, CHARLES D.: Status, role and vocational continuity of discharged mental patients. *Journal of Health and Human Behavior*, 4:105-112, 1963.
- WHATLEY, CHARLES D., JR.: Employer attitudes, discharged patients and job durability. *Mental Hygiene*, 48:121-131, 1964.
- MH-5221 (R03) JOHNSON, ERWIN H.: Family change in present day Japan. University of Rhode Island, Kingston, R.I. (1961-62)
- JOHNSON, E.: The stem family and its extension in present day Japan. *American Anthropologist*, 66: 839-851, 1964.
- JOHNSON, ERWIN H.: The emergence of a self-conscious entrepreneurial class in rural Japan. In: Smith, Robert J., and Beardsley, Richard K., eds. *Japanese culture: Its development and characteristics*. Chicago, Aldine, 1962, p. 91-99.
- MH-5232 (R01) PAULING, LINUS C.: Biochemical and molecular basis of mental disease. California Institute of Technology, Pasadena, Calif. (1961-64)
- DEGENS, EGON T., REUTER, JOHANNES N., and SHAW, KENNETH N. F.: Biochemical compounds in offshore California sediments and sea waters. *Geochimica et Cosmochimica Acta*, 28:45, 1964, New York, Pergamon Press.
- PERRY, THOMAS L.: Urinary excretion of amines in phenylketonuria and mongolism. *Science*, 136: 879-880, 1962.
- PERRY, THOMAS L.: N-methylmetanephthine: Excretion by juvenile psychotics. *Science*, 139:587-589, 1963.
- PERRY, THOMAS L., and JONES, RICHARD T.: The amino acid content of human cerebrospinal fluid 1961.
- PERRY, THOMAS L., and SCHROEDER, WALTER A.: The occurrence of amines in human urine: Determination by combined ion exchange and paper chromatography. *Journal of Chromatography*, 12: 358-373, 1963.
- PERRY, THOMAS L., SHAW, KENNETH N. F., WALKER, DOROTHY, and REDLICH, DOROTHY: Urinary excretion of amines in normal children. *Pediatrics*, 30:576-584, 1962.
- RINDERKNECHT, HEINRICH, and MA, VICTORIA: Eine einfache neue Synthese für Saureanhydride. *Helv. Chim. Acta*, 47:162-165, 1964.
- SCRIVER, CHARLES R., and SHAW, KENNETH N. F.: Hartnup disease: An example of genetically determined defective cellular amino acid transport. *Canadian Medical Association Journal*, 86(5): 232, 1962.
- SHAW, KENNETH N. F., BODER, ELENA, GUTENSTEIN, MORRIS, and JACOBS, E. ELMO: Histidinemia. (Abstract) *Journal of Pediatrics*, 63: 720, 1963.
- SHAW, KENNETH N. F., GUDMUNDSON, ARIEL, and MORRIS, ALLAN J.: 5-Benzoyloxyindole. *Biochemical Preparations*, 9:12, 1962. (Also acknowledges MH-655).
- SHAW, K. N. F., and MORRIS, A. J.: 5-Hydroxy- $\alpha$ -tryptophan. *Biochemical Preparations*, 9:92, 1962. (Also acknowledges MH-655).
- MH-5241 (R01) JENSEN, GORDON D.: Maternal development and social interaction. University of Washington, Seattle, Wash. (1961-64)
- BOBBITT, R. A., JENSEN, G. D., and KUEHN, R. E.: Development and application of an observational method: A pilot study of the mother-infant relationship in pigtail monkeys. *Journal of Genetic Psychology*, 105:257-274, 1964.
- MH-5247 (R03) BAKER, ROBERT W.: Psychological disturbances and academic stressors. Clark University, Worcester, Mass. (1961-62)
- BAKER, ROBERT W.: Pattern of initial contacts with a university psychological clinic and its relation to academic stressors. *Journal of Clinical Psychology*, 19:361-363, 1963.
- MH-5250 (R03) MURPHY, ROBERT F., and DOWNS, JAMES FRANCIS: Alcohol use in a changing Navajo community. University of California, Berkeley, Calif. (1961-61)
- DOWNS, JAMES F.: The cowboy and the lady: Models as a determinant of the rate of acculturation among the Pinon Navajo. *Kroeber Anthropologi-*



- cal Society Papers*, 29:53-56, 1963. (Also acknowledges MH-4372).
- DOWNES, JAMES F.: Animal husbandry in Navajo society and culture. University of California Publications in Anthropology. Vol. 1. Berkeley, University of California, 1964. (Also acknowledges MH-4372).
- MH-5254 (R01) UHR, LEONARD M.: Computer simulation of higher mental processes. University of Michigan, Ann Arbor, Mich. (1961-65)
- UHR, LEONARD: Pattern recognition computers as models for form perception. *Psychological Bulletin*, 60:40-73, 1963.
- UHR, LEONARD: The development of perception and language. In: Tomkins, S., and Messick, S., eds. *Simulation of personality processes*. New York, Wiley, 1963, p. 231-266.
- UHR, LEONARD: Computers in behavioral science. Pattern-string learning programs: Cognitive learners: General conception. *Behavioral Science*, 9: 258-270, 1964.
- UHR, LEONARD: Recognition of letters, pictures, and speech by a discovery and learning program. *Wescon/64*, Frontiers in Electronics. Western Electronic Show & Convention/Los Angeles. Santa Monica, Calif., Univ. of Mich., 1964, p. 1-7, (No. 8.5)
- UHR, LEONARD: Pattern recognition. In: 6th IBM Medical Symposium. New York, Poughkeepsie and Brookhaven National Laboratory, 1964, p. 1-19.
- UHR, LEONARD: The compilation of natural language text into teaching machine programs. In: *Proceedings—Fall Joint Computer Conference*, 1964, p. 35-44.
- UHR, LEONARD, and VOSSLER, CHARLES: The search to recognize. In: Fischer, George L., Jr., ed. *Optical character recognition*. Washington, D.C., Spartan Books, 1962, p. 319-329.
- UHR, LEONARD, and VOSSLER, CHARLES: A pattern recognition program that generates, evaluates, and adjusts its own operators. In: Feigenbaum, E., and Feldman, J., eds. *Computer and thought*. New York, McGraw-Hill, 1963, p. 251-268.
- VOSSLER, CHARLES, and UHR, LEONARD: Computer stimulations of a perceptual learning model for sensory pattern recognition, concept formation, and symbol transformation. In: *Proceedings of the IFIPS Congress*, Munich, 1962. Amsterdam, North Holland, 1963, p. 413-418.
- MH-5257 (R03) KLUGH, HENRY E.: Situational complexity and preference. Alma College, Alma, Mich. (1961-61)
- KLUGH, H. E.: Situational complexity and preference. (Abstract) *American Psychologist*, 17:394, 1962.
- MH-5258 (R03) WEINER, HERBERT, and GOLDBERG, EUGENE L.: Psychophysiological studies of depressive states. Yeshiva University, New York, N.Y. (1961-62)
- WEINER, HERBERT: Some psychological factors related to cardiovascular responses: A logical and empirical analysis. In: Roessler, R., and Greenfield, N. S., eds. *Physiological correlates of psychological disorder*. Madison, Wisconsin, University of Wisconsin Press, 1962, p. 115-142.
- MH-5261 (R03) ERRERA, PAUL L., and JARBECKI, HENRY: Survey of psychiatric referrals to an emergency room. Yale University, New Haven, Conn. (1961-62)
- COLEMAN, JULES V., and ERRERA, PAUL: The general hospital emergency room and its psychiatric problems. *American Journal of Public Health*, 53(8):1294-1301, 1963.
- MH-5263 (R01) SINGH, SHRO D., and BROADHURST, P. L.: Effects of human contact on behaviors of monkeys. Panjab University, Chandigarh, India. (1961-63)
- SINGH, S. D.: Effect of human environment on cognitive behavior in the rhesus monkey. *Journal of Comparative and Physiological Psychology*, 61(2): 280-283, 1966.
- MH-5268 (R01) LENNEBERG, ERIC H.: Speech development under abnormal circumstances. Children's Hospital Medical Center, Boston, Mass. (1961-65) (Continued from MH-2921).
- LENNEBERG, ERIC H.: Language disorders in childhood. *Harvard Educational Review*, 34(2):152-177, 1964. (Also acknowledges MH-2921).
- LENNEBERG, ERIC H.: Speech as a motor skill with special reference to nonaphasic disorders. *Monographs of the Society for Research in Child Development*, 29(1):115-139, 1964. (Also acknowledges MH-2921).
- LENNEBERG, ERIC H.: A biological perspective of language. In: Lenneberg, Eric H., ed. *New directions in the study of language*. Cambridge, Mass., Massachusetts Institute of Technology, 1964, p. 65-88. (Also acknowledges MH-2921).
- LENNEBERG, ERIC H., NICHOLS, IRENE A., and ROSENBERGER, ELEANOR F.: Primitive stages of language development in mongolism. In: Rioch, David McK., and Weinstein, Edwin A., eds. *Disorders of communication*. Vol. 42. Association for Research in Nervous and Mental Disease. Baltimore, Williams & Wilkins, 1964, p. 119-137.

- MH-5278 (R01) LAWSON, EDWIN D.: Reinforcement in communication nets. State University of New York—Albany State College, Albany, N.Y. (1961-64)
- LAWSON, EDWIN D.: Reinforced and non-reinforced four-man communication nets. *Psychological Reports*, 14:287-296, 1964.
- LAWSON, EDWIN D.: Reinforcement in group problem-solving with arithmetic problems. *Psychological Reports*, 14:703-710, 1964.
- MH-5281 (R01) QUARTON, GARDNER C., and STERNBACH, RICHARD A.: Autonomic changes accompanying repetitive events. Massachusetts General Hospital, Boston, Mass. (1961-63)
- QUARTON, G. C.: Theoretical considerations in analysis of psychophysiological data. *Annals of the New York Academy of Sciences*, 115:881-889, 1964. (Also acknowledges MH-1608).
- MH-5283 (R01) BUCHWALD, ALEXANDER M.: Situational variables influencing reinforce values. Indiana University, Bloomington, Ind. (1961-63)
- BUCHWALD, ALEXANDER M.: The effect of some variations in procedure on response repetition following verbal outcomes. *Journal of Verbal Learning and Verbal Behavior*, 5(1):77-85, 1966.
- MH-5284 (R01) FANTZ, ROBERT L.: Early development of pattern and spatial vision. Western Reserve University, Cleveland, Ohio. (1961-63)
- FANTZ, ROBERT L.: Pattern vision in newborn infants. *Science*, 140:296-297, 1963.
- FANTZ, R. L.: Visual experience in infants: Decreased attention to familiar patterns relative to novel ones. *Science*, 146:668-670, 1964.
- FANTZ, ROBERT L.: Ontogeny of perception. In: Schrier, Allan M., Harlow, Harry F., and Stollnitz, Fred, eds. *Behavior of nonhuman primates*. Vol. 2. New York, Academic Press, 1965, p. 365-403. (Also acknowledges MH-2497).
- FANTZ, ROBERT L., ORDY, J. M., and UDELF, M. S.: Maturation of pattern vision in infants during the first six months. *Journal of Comparative and Physiological Psychology*, 55:907-917, 1962. (Also acknowledges MH-2497).
- MH-5285 (R01) ARONSON, LESTER R.: Behavioral effects of selected denervation. American Museum of Natural History, New York, N.Y. (1961-64)
- ARONSON, LESTER R., and COOPER, MADELINE: Genital denervation and sexual behavior in male cats. In: Moore, John A., ed. *Proceedings of the 16th International Congress of Zoology*. Vol. 2. Washington, D.C., 1963, p. 24.
- COOPER, MADELINE, and ARONSON, LESTER R.: Effects of a sensory deprivation on the sexual behavior of experienced adult male cats. (Abstract No. 114) *American Zoologist*, 2(4), 1962.
- MH-5286 (R01) GOFF, WILLIAM R., and ROSNER, BURTON S.: Psychophysiology of perception. Yale University, New Haven, Conn. (1961- )
- ABRAHAMIAN, H. A., ALLISON, T., GOFF, W. R., and ROSNER, B. S.: Effects thiopental on human cerebral evoked responses. *Anesthesiology*, 24:650-657, 1963. (Also acknowledges MH-1530).
- ROSNER, B. S.: Temporal interaction between electrocutaneous stimuli. *Journal of Experimental Psychology*, 67:191-192, 1964. (Also acknowledges MH-1530).
- MH-5287 (R01) SAWREY, WILLIAM L., and SAWREY, JAMES M.: Psychological factors in resistance to ulceration. Alameda County State College, Hayward, Calif. (1961- )
- SAWREY, JAMES M., and SAWREY, WILLIAM L.: Ulcer production with reserpine and conflict. *Journal of Comparative and Physiological Psychology*, 57(2):307-309, 1964.
- SAWREY, WILLIAM L., and SAWREY, JAMES M.: Fear conditioning and resistance to ulceration. *Journal of Comparative and Physiological Psychology*, 56(5):821-823, 1963.
- SAWREY, WILLIAM L., and SAWREY, JAMES M.: Conditioned fear and restraint in ulceration. *Journal of Comparative and Physiological Psychology*, 56(1):150-151, 1964.
- MH-5294 (R10) PIETTE, LAWRENCE H.: and FORREST, IRENE S.: EPR study of metabolic free radical intermediates. Varian Associates, Palo Alto, Calif. (1961-62)
- PIETTE, L. H., and FORREST, IRENE: EPR studies of free radicals in the oxidation of drugs derived from phenothiazine *in vitro*. *Biochimica et Biophysica Acta*, 57:419-420, 1962.
- MH-5300 (R01) CLAUSEN, JOHN A.: Personality continuity in the Oakland growth study. University of California, Berkeley, Calif. (1961- )
- CLAUSEN, JOHN A., and WILLIAMS, JUDITH R.: Sociological correlates of child behavior. In: Child psychology. Part I. Chicago, University of Chicago Press, 1963, p. 62-107.
- HAAN, NORMA: A proposed model of ego functioning: Coping and defense mechanisms in relationship to I.Q. change. *Psychological Monographs*, 77(8):1-23, 1963. (Whole No. 571)
- HAAN, N.: The relationship of ego functioning and intelligence to social status and social mobility. *Journal of Abnormal and Social Psychology*, 66(6):594-605, 1964.

- HAAN, NORMA: Coping and defense mechanisms related to personality inventories. *Journal of Consulting Psychology*, 29(4):373-378, 1965.
- HATFIELD, J. S., and SHAPIRO, A. M.: Dimensions among interview ratings of men: An analysis of their meaning and personality inventory correlates. *Journal of Clinical Psychology*, 21(2):150-160, 1965.
- ROSENTHAL, IRENE: Reliability of retrospective reports of adolescence. *Journal of Consulting Psychology*, 27:189-198, 1963.
- SKOLNICK, ARLENE: Stability and interrelations of thematic test imagery over 20 years. *Child Development*, 37(2):389-396, 1966.
- STEWART, L. H.: Social and emotional adjustment during adolescence as related to the development of psychosomatic illness in adulthood. *Genetic Psychology Monographs*, 65:175-215, 1962.
- MH-5301 (R01) SMITH, CHARLES P.: Need achievement, extrinsic goals, and performance. Princeton University, Princeton, N.J. (1961-64)
- SMITH, CHARLES P.: Relationships between achievement-related motives and intelligence, performance level, and persistence. *Journal of Abnormal and Social Psychology*, 68:523-532, 1964.
- MH-5306 (R01) KOH, SOON D., and KOVNAR, MURRAY R.: Affective judgments of music in schizophrenics. State Hospital, Jamestown, N.D. (1961-63)
- KOH, SOON DUK: Scaling musical preferences. *Journal of Experimental Psychology*, 70(1):79-82, 1965.
- MH-5308 (R03) LANDAUER, THOMAS K.: Delay of secondary reinforcement. Dartmouth College, Hanover, N.H. (1961-62)
- LANDAUER, THOMAS K.: Delay of an acquired reinforcer. *Journal of Comparative and Physiological Psychology*, 58(3):374-379, 1964.
- MH-5310 (R03) ALLINSMITH, WESLEY, and LINDEMANN, ELIZABETH B.: Evaluation of a preschool screening program. Human Relations Service of Wellesley, Wellesley Hills, Mass. (1961-62)
- LINDEMANN, ELIZABETH B., ALLINSMITH, W., ROSENBLITH, JUDY F., BUDD, LINDA M., and SHAPIRO, SYBIL: Evaluation of a preschool screening program. (Abstract) *American Journal of Orthopsychiatry*, 33:376-377, 1963.
- shock and thirst. *Journal of Comparative Physiological Psychology*, 56(2):318-323, 1963.
- O'NEILL, JOHN J., SIMON, STUART H., and SHREEVE, WALTON W.: Alternate glycolytic pathways in brain: A comparison between the action of artificial electron acceptors and electrical stimulation. *Journal of Neurochemistry*, 12(9/10):797-802, 1965.
- MH-5314 (R01) GUBLER, CLARK J.: Adrenal hormone and thiamine effects on cerebral 5HT. Brigham Young University, Provo, Utah. (1961- )
- JOHNSON, L. R., and GUBLER, C. J.: Studies with thiamine pyrophosphokinase from rat brain. (Abstract) *Federation Proceedings*, 24(2)Part 1:481, 1965.
- SOFER, S., and GUBLER, C. J.: The effect of various procedures on the 5-OH tryptamine (5HT) levels in the brain of rats. (Abstract) *Federation Proceedings*, 21:340, 1962.
- MH-5317 (R01) O'NEILL, JOHN J.: Drug-sensitive biochemical pathways in the CNS. University of Maryland, Baltimore, Md. (1961- )
- O'NEILL, J., DUGGY, T., and SIMON, S.: Inhibition of cerebral cortex glycolysis: Possible feedback control. (Abstract) *Federation Proceedings*, 24(2)Part 1:536, 1965.
- O'NEILL, J. J., SIMON, S. H., and CUMMINS, J. T.: Inhibition of stimulated cerebral cortex respiration and glycolysis by cholinergic drugs. *Biochemical Pharmacology*, 12:809-820, 1963.
- O'NEILL, J., SIMON, S., and DUFFY, T.: Glycolytic control by pyruvate in guinea pig brain slice. (Abstract) *Federation Proceedings*, 25(2):560, 1966.
- MH-5319 (R01) JARVIK, MURRAY E.: Effect of drugs upon memory. Yeshiva University—Albert Einstein College of Medicine, New York, N.Y. (1961- )
- BARONDES, S. E., and JARVIK, M. E.: The influence of actinomycin-D on brain RNA synthesis and on memory. *Journal of Neurochemistry*, 11:187-195, 1964.
- BARRON, F., JARVIK, M. E., and BUNNELL, S.: The hallucinogens. *Scientific American*, 210:29-37, 1964.
- JARVIK, M. E., and CARLEY, J. L.: A simple circuit for contact responses. *Journal of the Experimental Analysis of Behavior*, 7:82, 1964.

- KOPP, R.: The temporal gradient of retrograde amnesia to ECS in mice. *Federation Proceedings*, 25(2):262, 1966.
- LETHLEAN, A. K.: Habituation in the rat spinal cord—a triggered process. (Abstract) *Federation Proceedings*, 24(2)Part 1:517, 1965.
- MH-5320 (R01) SEEVERS, M. H., and DENEAU, GERALD A.: Dependence on narcotics in primates. University of Michigan, Ann Arbor, Mich. (1961- )
- BECK, L., LEVIN, J. A., and DENEAU, G. A.: Effect of blocking agents on reflex and serotonin induced dilatation in the monkey. (Abstract) *Pharmacologist*, 7(2):139, 1965.
- DENEAU, G. A.: Pharmacological techniques for evaluating addiction liability of drugs. In: Nodine, J., and Siegler, P., eds. *Clinical and laboratory techniques in drug evaluation*. Chicago, Yearbook, 1964, p. 406-410.
- DENEAU, G. A., and SEEVERS, M. H.: Pharmacological aspects of drug dependence. In: Garattini, S., and Shore, P. A., eds. *Advances in pharmacology*. Vol. 3. New York, Academic, 1964, p. 267-283.
- DENEAU, G. A., and SEEVERS, M. H.: Drug dependence. In: Lawrence, D. R., and Bachrach, A. L., eds. *Evaluation of drug activities*. London, Academic, p. 167-179.
- DENEAU, G. A., YANAGITA, T., and SEEVERS, M. H.: Drug dependence in the monkey. In: Heath, R. G., ed. *The role of pleasure in behavior*. New York, Harper & Row, 1964, p. 141-150.
- MH-5324 (R01) HUDSON, ROY D.: Drug effects on pyramidal and extra pyramidal systems. University of Michigan, Ann Arbor, Mich. (1961- )
- HUDSON, ROY D., and DOMINO, EDWARD F.: Comparative effects of three substituted phenothiazines on the patellar reflex and mean arterial blood pressure of the rabbit. *Archives Internationales de Pharmacodynamie et de Therapie*, 147(1-2):36-42, 1964.
- MH-5331 (R01) GROSSMAN, SEBASTIAN P.: Behavioral effect of local chemical brain stimulation. State University of Iowa, Iowa City, Iowa. (1961-64)
- GROSSMAN, S. P.: Chemically induced epileptiform seizures in the cat. *Science*, 142:409-411, 1963.
- GROSSMAN, S. P.: Behavioral effects of chemical stimulation of the ventral amygdala. *Journal of Comparative and Physiological Psychology*, 57:29-36, 1964.
- GROSSMAN, S. P.: Effect of chemical stimulation of the septal area on motivation. *Journal of Comparative and Physiological Psychology*, 58(2):194-200, 1964.
- GROSSMAN, S. P.: Some neurochemical properties of the central regulation of thirst. In: Wayner, M., ed. *Thirst in the regulation of body water*. New York, Pergamon, 1964, p. 487-510.
- GROSSMAN, SEBASTIAN P.: Acquisition and performance of avoidance responses during chemical stimulation of the midbrain reticular formation. *Journal of Comparative and Physiological Psychology*, 61(1):42-49, 1966.
- GROSSMAN, S. P.: The VMH: A center for affective reactions, satiety, or both? *Physiology and Behavior*, 1(1):1-10, 1966.
- GROSSMAN, S. P., and GROSSMAN, L.: Food and water intake following lesions or electrical stimulation of the amygdala. *American Journal of Physiology*, 205:761-765, 1963.
- GROSSMAN, S. P., PETERS, R. H., FREEDMAN, P. E., and WILLER, H. I.: Behavioral effects of cholinergic stimulation of the thalamic reticular formation. *Journal of Comparative and Physiological Psychology*, 59:57-65, 1965.
- MH-5333 (R01) BREBBIA, D. ROBERT, ALTSHULER, KENNETH Z., and SIMPSON, GEORGE M.: Diurnal patterns of the BMR in schizophrenia. Rockland State Hospital, Orangeburg, N.Y. (1961- )
- SIMPSON, GEORGE M., FARKAS, TIBOR, and SAUNDERS, J. C.: A clinical evaluation of a new butyrophenone (WY-3457). *Psychopharmacologia*, 5:306-312, 1964.
- MH-5336 (R10) CARVER, MICHAEL J.: Amino acid transport by white blood cells. University of Nebraska, Lincoln, Nebr. (1961-62)
- RYAN, W. L., and CARVER, M. J.: Immediate and prolonged effects of hydrocortisone on the free amino acids of rat skeletal muscle. *Proceedings of the Society for Experimental Biology and Medicine*, 114:816-819, 1963.
- MH-5338 (R01) FINK, MAX: Conference on EEG and human psychiatry. Hillside Hospital, Glen Oaks, N.Y. (1961-62)
- FINK, MAX: EEG and human psychopharmacology. (Abstract) *Electroencephalography and Clinical Neurophysiology*, 15:133-137, 1963.
- FINK, MAX: Quantitative electroencephalography in human psychopharmacology. II. Drug patterns. In: Glaser, G., ed. *EEG correlates of behavior*. New York, Basic Books, 1963, p. 177-197. (Also acknowledges MH-2715 and MH-7432).
- MH-5339 (R01) MEYEROWITZ, SANFORD, and ENGEL, GEORGE L.: Study of psychologic aspects

- of disease. University of Rochester, Rochester, N.Y. (1961-66)
- JACOX, RALPH F., MONGAN, EDWARD S., VAUGHAN, JOHN H., ATWATER, EDWARD C., MEYEROWITZ, SANFORD, and DUTHIE, ROBERT B.: An interdisciplinary approach to the care of patients with rheumatoid arthritis. *New York State Journal of Medicine*, 63(11):1639-1651, 1963.
- MH-5343 (R01) HABENSTEIN, ROBERT W., and COULT, ALLAN D.: Functions of extended kinship in an urban milieu. *Community Studies*, Kansas City, Mo. (1961-64)
- COULT, ALLAN D.: Role allocation, position structuring, and ambilineal descent. *American Anthropologist*, 66:29-40, 1964.
- COULT, ALLAN D., and HABENSTEIN, ROBERT W.: The study of extended kinship in urban society. *Sociological Quarterly*, 141-145, 1962.
- MH-5348 (R01) ENTWISLE, DORIS R., and FORSYTH, DANIEL: Analytic studies of children's word associations. Johns Hopkins University, Baltimore, Md. (1961-64)
- ENTWISLE, D. R., and FORSYTH, D. F.: Word associations of children: Effect of method of administration. *Psychological Reports*, 13:291-299, 1963.
- MH-5353 (R01) SOLOMON, LEONARD: Conditions affecting behavioral coordination. Boston University, Boston, Mass. (1961-65)
- KLEIN, EDWARD B., and SOLOMON, LEONARD: Agreement response tendency and behavioral submission in schizophrenia. *Psychological Reports*, 18(2):499-509, 1966.
- NUTTALL, RONALD L., and SOLOMON, LEONARD F.: Factorial structure and prognostic significance of premorbid adjustment in schizophrenia. *Journal of Consulting Psychology*, 29(4):362-372, 1965.
- SOLOMON, L., and KLEIN, E.: A comparison of responses set tendencies in a normal and a schizophrenic sample. *Veterans Administration Newsletter for Research Psychology*, 4:6-14, 1962.
- SOLOMON, L., and KLEIN, E.: The relationship between agreeing response set and social desirability. *Journal of Abnormal and Social Psychology*, 66:176-179, 1963.
- SOLOMON, L., and ZLOTOWSKI, M.: The relationship between the Elgin and Phillips measures of process-reactive schizophrenia. *Journal of Nervous and Mental Disease*, 138:32-37, 1964.
- MH-5356 (R01) BACK, KURT W., and BOGDONOFF, MORTON B.: Conformity behavior and lipid mobilization. Duke University, Durham, N.C. (1961-65)
- BACK, KURT W., and BOGDONOFF, MORTON D.: Plasma lipid responses to leadership, conformity and deviation. In: Leiderman, P. Herbert, and Shapiro, David, eds. *Psychobiological approaches to social behavior*. Stanford, California, Stanford University, 1964, p. 24-42.
- BACK, KURT W., BOGDONOFF, MORTON D., SHAW, DAVID M., and KLEIN, ROBERT F.: An interpretation of experimental conformity through physiological measures. *Behavioral Science*, 8:34-40, 1963.
- BACK, KURT W., HOOD, THOMAS C., and BREHM, MARY L.: The subject role in small group experiments. *Social Forces*, 43(2):181-187, 1965.
- BOGDONOFF, MORTON D., BACK, KURT W., KLEIN, ROBERT F., ESTES, E. H., JR., and NICHOLS, CLAUDE: The physiologic response to conformity pressure in man. *Annals of Internal Medicine*, 57:389-397, 1962.
- BOGDONOFF, M. D., BREHM, L., and BACK, K. W.: The effect of the experimenter's role upon the subject's response to an unpleasant task. *Journal of Psychosomatic Research*, 8:137-143, 1964.
- BOGDONOFF, M. D., KLEIN, R. F., BACK, K. W., NICHOLS, C. R., TROYER, W. G., and HOOD, T. C.: Effect of group relationship and of the role of leadership upon lipid mobilization. *Psychosomatic Medicine*, 26:710-719, 1964.
- BREHM, M. L., BACK, K. W., and BOGDONOFF, M. D.: A physiological effect of cognitive dissonance under stress and deprivation. *Journal of Abnormal and Social Psychology*, 69(3):303-310, 1964.
- KLEIN, ROBERT F., TROYER, WILLIAM G., BACK, KURT W., HOOD, THOMAS C., and BOGDONOFF, MORTON D.: Experimental stress and fat mobilization in lean and obese subjects. *Metabolism*, 14(1):17-25, 1965.
- MCGOUGH, W. E., SILVERMAN, A. J., and BOGDONOFF, M. D.: Patterns of fat mobilization in field-dependent and field-independent subjects. *Psychosomatic Medicine*, 27(3), 245-256, 1965.
- MH-5364 (R01) KAPLAN, IRA T.: Independent monocular viewing with both eyes. Public Service Research, Stamford, Conn. (1961-62)
- KAPLAN, I. T., and METLAY, W.: Light intensity and binocular rivalry. *Journal of Experimental Psychology*, 67:22-26, 1964.
- MH-5375 (R01) THOMAS, DOROTHY S., and LEE, EVERETT S.: Migration and mental disease. University of Pennsylvania, Philadelphia, Pa. (1961- )
- LAZARUS, JUDITH, LOCKE, BEN Z., and THOMAS, DOROTHY S.: Migration differentials in mental disease. State patterns in first admissions to men-

- tal hospitals for all disorders and for schizophrenia, New York, Ohio and California, as of 1950. *Milbank Memorial Fund Quarterly*, 41:25-42, 1963. (Also acknowledges MH-1140).
- THOMAS, DOROTHY S., and LOCKE, BEN Z.: Marital status, education and occupational differentials in mental disease. State patterns in first admissions to mental hospitals for all disorders and for schizophrenia, New York, and Ohio as of 1950. *Milbank Memorial Fund Quarterly*, 41(2):145-160, 1963. (Also acknowledges MH-1140).
- MH-5384 (R01) GOTTESMAN, IRVING I.: Behavior genetics of human personality. Harvard University, Cambridge, Mass. (1961-63)
- GOTTESMAN, I. I.: Differential inheritance of the psychoneuroses. *Eugenics Quarterly*, 9:223-227, 1962.
- GOTTESMAN, I. I.: Genetic aspects of intelligent behavior. In: Ellis, N., ed. *Handbook of mental deficiency*. New York, McGraw-Hill, 1963, p. 253-296.
- GOTTESMAN, I. I.: Heritability of personality: A demonstration. *Psychological Monographs*, 77 (9):1-21, 1963. (Whole No. 572).
- MH-5395 (R01) WIGGINS, JERRY S.: The structure of the MMPI. Stanford University, Stanford, Calif. (1961-62) (Continued as MH-7042).
- WIGGINS, J. S.: Social desirability under role-playing instructions: A reply to Walker. *Journal of Consulting Psychology*, 27:107-111, 1963. (Also acknowledges MH-7042).
- WIGGINS, J. S.: An MMPI item characteristic deck. *Educational and Psychological Measurement*, 24: 137-141, 1964. (Also acknowledges MH-7042).
- WIGGINS, J. S.: Convergences among stylistic response measures from objective personality tests. *Educational and Psychological Measurement*, 24: 551-562, 1964. (Also acknowledges MH-7042).
- MH-5398 (R01) SEARS, ROBERT R.: Identification in four-year-old children. Stanford University, Stanford, Calif. (1961-64)
- SEARS, R. R.: Dependency motivation. In: Jones, M. R., ed. *Nebraska Symposium on Motivation*, 1963. Lincoln, Nebr., University of Nebraska, 1963, p. 25-64.
- MH-5400 (R03) HARE, A. PAUL: Conditional measures of personality. Haverford College, Haverford, Pa. (1961-62)
- HARE, A. PAUL: Factors associated with Peace Corps volunteer success in the Philippines. *Human Organization*, 25(2):150-153, 1966.
- MH-5402 (R03) GONZALEZ, RICHARD C., and TERMAN, M. E.: Preliminary studies of learning in brain injured rats. Bryn Mawr College, Bryn Mawr, Pa. (1961-62)
- GONZALEZ, R. C., ROBERTS, W. A., and TERMAN, M. E.: Learning in adult rats with extensor cortical lesions made in infancy. *American Journal of Psychology*, 577:547-562, 1964. (Also acknowledges MH-2857).
- MH-5405 (R03) MANN, RICHARD D.: Autonomy and intimacy in group discussions. Harvard University, Cambridge, Mass. (1961-62)
- MANN, RICHARD D.: The development of the leader-trainer relationship in self-analytic groups. *Human Relations*, 19(1):85-115, 1966.
- MH-5408 (R01) SIDMAN, MURRAY: Sensory behavioral tests of induced CNS changes. Massachusetts General Hospital, Boston, (1961- )
- SIDMAN, MURRAY: Anxiety. *Proceedings of the American Philosophical Society*, 108(6):478-481, 1964.
- MH-5410 (R01) GROSS, MILTON M., KISSIN, BENJAMIN, and TOBIN, MICHAEL: Hallucinatory acute alcoholic psychoses. State University of New York—Downstate Medical Center, Brooklyn, N.Y. (1961-64)
- GROSS, M. M., BEGLEITER, H., TOBIN, M., KISSIN, B.: Auditory evoked response components during counting clicks and reading. *Electroencephalography and Clinical Neurophysiology*, 15(5):451-454, 1965.
- GROSS, MILTON M., HALPERT, EUGENE, and S. LAWRENCE: Some comment on Bleuler's concept of acute alcoholic hallucinosis. *Quarterly Journal of Studies on Alcohol*, 24:54-60, 1963.
- GROSS, MILTON M., HALPERT, EUGENE, S. LAWRENCE, and POLIZOS, POLIZOS: Hearing disturbances and auditory hallucinations in the alcoholic psychoses. I. Tinnitus—incidence and significance. *Journal of Nervous and Mental Disease*, 137:455-465, 1963.
- GROSS, MILTON M., TOBIN, M., KISSIN, B., HALPERT, EUGENE, and SABOT, LAWRENCE: Evoked responses to clicks in delirium tremens: A preliminary report. *New York Academy of Sciences*, 112:543-546, 1964.
- MH-5415 (R01) SMITH, KATHLEEN: Origin of characteristic odor of schizophrenic sweat. Washington University, St. Louis, Mo. (1961- )
- MOTT, RICHARD H., SMALL, IVER F., and ANDERSON, JOHN M.: Comparative study of hallucinations. *General Psychiatry*, 12(6):595-601, 1966.

- Application of on-column acid-base reactions to the gas chromatographic separation of free fatty acids and amines. *Analytical Chemistry*, 37(12): 1591-1592, 1965.
- MH-5428 (R01) HOROWITZ, LEONARD M.: Studies in verbal learning. Stanford University, Stanford, Calif. (1961-64)
- HOROWITZ, L.: Associative matching and intralist similarity. *Psychological Reports*, 10:751-757, 1962.
- HOROWITZ, L. M., BROWN, Z. M., and WEISSBLUTH, S.: Availability and the direction of associations. *Journal of Experimental Psychology*, 68(6):541-549, 1964.
- HOROWITZ, L., and IZAWA, C.: Comparison of serial and paired-associate learning. *Journal of Experimental Psychology*, 65:352-361, 1963.
- HOROWITZ, L., and LARSEN, S.: Response interference in paired-associate learning. *Journal of Experimental Psychology*, 65:225-232, 1963.
- HOROWITZ, L., LIPPMAN, L., NORMAN, S., and MCCONKIE, G.: Compound stimuli in paired-associate learning. *Journal of Experimental Psychology*, 67:132-141, 1964.
- MH-5429 (R01) PATTERSON, GERALD R., and LITTMAN, RICHARD A.: Reinforcement theory to socialization of the child. University of Oregon, Eugene, Ore. (1961-63) (Continued from MH-4063).
- PATTERSON, G. R.: An empirical approach to the classification of disturbed children. *Journal of Clinical Psychology*, 20:326-337, 1964. (Also acknowledges MH-4063).
- PATTERSON, G. R., and ANDERSON, D.: Peers as social reinforcers. *Child Development*, 35:951-960, 1964. (Also acknowledges MH-4063).
- PATTERSON, G. R., and HINSLEY, W. C.: Investigations of some assumptions and characteristics of a procedure for instrumental conditioning in children. *Journal of Experimental and Child Psychology*, 1:111-112, 1964. (Also acknowledges MH-4063).
- PATTERSON, G. R., LITTMAN, R. E., and HINSLEY, W. C.: Parental effectiveness as reinforcers in the laboratory and its relation to child rearing practices, and child adjustment in the classroom. *Journal of Personality*, 32:180-199, 1964. (Also acknowledges MH-4063).
- MH-5430 (R01) NOVICK, ALVIN, and HENSON, O'DELL W., JR.: Acoustic perception in echo location. Evidence for echolocation in shrews. *Journal of Experimental Zoology*, 156(1):19-38, 1964.
- NOVICK, A.: Pulse duration in the echolocation of insects by the bat, "Pteronotus." *Ergebnisse der Zoology*, 26:21-26, 1963.
- NOVICK, ALVIN: Comparative aspects of echolocation of flying insects by chironycterine bats. (Abstract) *American Zoologist*, 4(4):15, 1964.
- NOVICK, A., and VAISNYS, J. R.: Echolocation of flying insects by the bat, "Chilonycteris." (Abstract) *American Zoology*, 3, 1963.
- NOVICK, ALVIN, and VAISNYS, JUOZAS R.: Echolocation of flying insects by the bat, "Chilonycteris parnellii." *Biological Bulletin*, 127(3):478-488, 1964.
- MH-5438 (R03) LYONS, JOSEPH: Postural symmetry and perception of the vertical. University of Kentucky, Lexington, Ky. (1961-61)
- GOULD, E., NEGUS, N. C., and NOVICK, A.: Evidence for echo-location in shrews. (Abstract No. 53) *American Zoologist*, 2, 1962.
- MH-5439 (R01) ROWLAND, VERNON, CARLSON, NILS J., GLUCK, HENRY, and MACINTYRE, WILLIAM J.: Electrophysiology and pharmacology of conditioning. Western Reserve University, Cleveland, Ohio. (1961- )
- DELUDE, LLOYD A., and CARLSON, NILS J.: A test of the conservation of anxiety and partial irreversibility hypotheses. *Canadian Journal of Psychology/Review of Canadian Psychology*, 18:15-22, 1964.
- MACINTYRE, W. J., WASMAN, M., GLUCK, H., and DINES, G. A.: Electroencephalographic data: Reduction by wave-width analysis. *Science*, 144(3624):1357-1358, 1964.
- ROWLAND, VERNON: Electrographic responses in sleeping conditioned animals. In: Wolstenholme, G. E. W., and O'Conner, M., eds. *Ciba Foundation Symposium on the Nature of Sleep*. London, J. & A. Churchill, 1961, p. 284-304.
- MH-5447 (R01) WHITTEN, NORMAN E., JR., and ERASMUS, CHARLES J.: Social organization in values in coastal Ecuador. University of North Carolina, Chapel Hill, N.C. (1961-61)
- WHITTEN, NORMAN E., JR.: Contemporary patterns of malign occultism among negroes in North Carolina. *Journal of American Folklore*, 75(298):311-325, 1962.

- WHITTEN, NORMAN E.: Sociocultural change in northwest Ecuador. *Research Previews* (University of North Carolina, Institute for Research in Social Science), 9(3):9-18, 1962.
- WHITTEN, NORMAN E., JR.: Power structure and sociocultural change in Latin American communities. *Social Forces*, 43(3):320-329, 1965.
- MH-5449 (R03) RICE, GEORGE E., JR.: Variables of altruism in the rat. Agnes Scott College, Decatur, Ga. (1961-62)
- RICE, G. E., and GAINER, PRISCILLA: "Altruism" in the albino rat. *Journal of Comparative and Physiological Psychology*, 55:123-125, 1962.
- MH-5450 (R03) SANDLER, JACK, and WILLIAMS, CARL D.: Effect of reinforcement on masochistic behavior. University of Miami, Coral Gables, Fla. (1961-62)
- SANDLER, JACK: Reinforcement combinations and masochistic behavior. *Psychological Reports*, 11: 110, 1962.
- MH-5452 (R03) ROBBINS, SAMUEL D.: Relation between insecurity and onset of stuttering. Institute for Speech Correction, Boston, Mass. (1961-62)
- ROBBINS, SAMUEL D.: 1000 Stutterers: A personal report of clinical experience and research. *Journal of Speech and Hearing Disorders*, May:178-186, 1964.
- MH-5453 (R01) MANNERING, GILBERT J.: Development of rapid test for narcotic excretion. University of Wisconsin, Madison, Wisc. (1961-62)
- ANDERS, M. W., and MANNERING, G. J.: A new peak-shift technique for gas-liquid chromatography: Preparation of derivatives on the column. *Analytical Chemistry*, 34:730-733, 1962.
- MH-5457 (R10) GELLER, MIRIAM R.: Bibliographic research in psychopharmacology. Massachusetts General Hospital, Boston, Mass. (1960-63)
- GELLER, MIRIAM R.: The treatment of psychiatric disorders with insulin, 1936-1960. A selected annotated bibliography. Public Health Service Publication No. 941, Washington, D.C., Government Printing Office, 1962, 33 p.
- GELLER, MIRIAM R.: The treatment of psychiatric disorders with metrazol, 1935-1960. A selected annotated bibliography. Public Health Service Publication No. 967, Washington, D.C., Government Printing Office, 1963, 22 p.
- MH-5461 (R01) PODELL, JEROME E.: Studies in meaning and context effects in connotation. San Francisco State College, San Francisco, Calif. (1961-63)
- PODELL, H. A., and PODELL, J. E.: Quantitative connotation of a concept. *Journal of Abnormal and Social Psychology*, 67:509-513, 1963. (Also acknowledges MH-4484).
- MH-5464 (R01) FISCHER, GLORIA J.: Comparative learning in higher primates. University of Oklahoma, Norman, Okla. (1961-63)
- FISCHER, GLORIA J., and KITCHENER, SAUL L.: Comparative learning in young gorillas and orangutans. *Journal of Genetic Psychology*, 107:337-348, 1965.
- MH-5465 (R01) PARDUCCI, ALLEN: Identification of simple perceptual stimuli. University of California, Los Angeles, Calif. (1961-64)
- PARDUCCI, A.: Sequential effects in judgment. *Psychological Bulletin*, 61:163-167, 1964.
- PARDUCCI, A., and SANDUSKY, A.: Distribution and sequence effects in judgment. *Journal of Experimental Psychology*, 69(5):450-459, 1965.
- MH-5469 (R03) MCCAIN, GARVIN M.: Effects of overtraining on learning factors. Arlington State College, Arlington, Texas. (1961-62)
- MCCAIN, GARVIN, and GARRETT, B. L.: Generalization to stimuli of different brightness in three straight-alley studies. *Psychological Reports*, 15: 368-370, 1964.
- MH-5470 (R01) JOHNS, VARNER J., JR., BRUNJES, SHANNON, and COCHRAN, BURT, JR.: Catecholamine and lipid metabolism in mental stress. Loma Linda University, Los Angeles, Calif. (1961-65)
- BRUNJES, S. D., HAYWOOD, L. J., and MARONDE, R. E.: A controlled study of the antihypertensive response to an MAO inhibitor. B. Urinary excretion of catecholamines and their metabolites. *Annals of the New York Academy of Sciences*, 107:982-992, 1963.
- BRUNJES, S. D., and WYBENGA, D.: Differential fluorometry in catecholamine determination: A simplified method of calculation. *Clinical Chemistry*, 9(5):626-630, 1963.
- BRUNJES, S. D., WYBENGA, D., and JOHNS, V. J.: Fluorometric determination of urinary metanephride and normetanephine. *Clinical Chemistry*, 10 (1):1-12, 1964.
- BRUNJES, S. W., WYBENGA, D., SPRORD, J., and CHANEY, A.: A vanillylmandelic acid procedure using an ion exchange resin for the initial separation. (Abstract) *Clinical Chemistry*, 8:452-453, 1962.
- COCHRAN, B., and MARBACH, E. P.: Some acute and chronic biochemical responses to electroconvulsive



- therapy. In: Wortis, J., ed. *Recent advances in biological psychiatry*. Vol. 4. New York, Plenum Press, 1962, p. 154-169.
- COCHRAN, B., and MARBACH, E. P.: Serum lipid responses to somatic challenges in a neuropsychiatric hospital. In: Wortis, J., ed. *Recent advance in biological psychiatry*. Vol. 6. New York, Plenum Press, 1964, p. 233-241.
- DEQUATTRO, V., VON STUDNITZ, W., WYBENGA, D., and BRYBHESM, S. D.: Determination of urinary 3,4-dihydroxymandelic acid. (Abstract) *Clinical Research*, 11:84, 1963.
- SHANKEL, S., BRUNJES, S. D., and JOHNS, V. J.: A new *in vivo* assay of monoamine oxidase activity. (Abstract) *Clinical Research*, 10:90, 1962.
- MH-5473 (R01) STOTLAND, EZRA: Cognitive influences on anxiety. University of Washington, Seattle, Wash. (1961-62)
- STOTLAND, EZRA, and BLUMENTHAL, ARTHUR L.: The reduction of anxiety as a result of expectation of making a choice. *Canadian Journal of Psychology/Review of Canadian Psychology*, 18:139-145, 1964.
- STOTLAND, E., and LINDSTROM, M.: The influence of anticipatory insight on subsequent anxiety. *Human Relations*, 17:267-275, 1964.
- MH-5484 (R01) THULINE, HORACE C., and PRIEST, JEAN H.: DNA duplication in human chromosomes. Rainier School, Buckley, Wash. (1961-64)
- PRIEST, JEAN H., THULINE, H. C., NORBY, D. E., and LAVECK, G. D.: Reproduction in human autosomal trisomics; including chromosome studies of a mongol mother, her non-mongol twins and her family. *A. M. A. Journal of the Diseases of Children*, 105:31-41, 1963.
- MH-5495 (R01) HASSENPLUG, LULU W., and QUINT, JEANNE C.: Adjustment processes following radical mastectomy. University of California, Los Angeles, Calif. (1961-63)
- QUINT, JEANNE C.: Delineation of qualitative aspects of nursing care. *Nursing Research*, 11: 204-206, 1962.
- QUINT, JEANNE C.: The impact of mastectomy. *American Journal of Nursing*, 63(11):88-91, 1963.
- QUINT, JEANNE C.: Mastectomy: Signpost in time. *Journal of Nursing Education*, 3:3-33, 1963.
- QUINT, JEANNE C.: Mastectomy-symbol of cure or warning sign? *GP*, 29(3):119-124, 1964.
- QUINT, JEANNE C.: Institutionalized practices of information control. *Psychiatry*, 28(2):119-132, 1965.
- MH-5498 (R03) KATZ, SANFORD: The reaction time of mediated responses. Hobart and William Smith College, Geneva, N.Y. (1961-62)
- KATZ, S.: The reaction time of mediated responses. *Psychological Record*, 13(1):57-64, 1963.
- MH-5503 (R01) TOMAN, JAMES E.: Mechanisms of action of psychotropic drugs. Chicago Medical School, Chicago, Ill. (1961- )
- MITLAG, H., LEVIN, J. J., and TOMAN, J. E. P.: Utility of rheobase-length measurement in drug studies on nerves. (Abstract) *Federation Proceedings*, 24(2)Part I:716, 1965.
- SABELLI, H. C.: A pharmacological strategy for the study of central modulator linkages. In: Wortis, Joseph, ed. *Recent advances in biological psychiatry*. Vol. 6. New York, Plenum Press, 1964, p. 145-182.
- SABELLI, H. C., MARKS, R., and TOMAN, J. E. P.: Drug studies on earthworm isolated ventral cord. (Abstract) *Federation Proceedings*, 22:391, 1963.
- SABELLI, H. C., and TOMAN, J. E. P.: Autonomic-like mechanisms modulating brain functions. (Abstract) *American Zoologist*, 1(4):468, 1961.
- SABELLI, H. C., and TOMAN, J. E. P.: Drug-induced rage in cats. (Abstract) *Excerpta Medica*, Serial No. 48:1229, 1962.
- SABELLI, H. C., and TOMAN, J. E. P.: Central modulator mechanisms. (Abstract) *Federation Proceedings*, 21:331, 1962.
- TOMAN, J. E. P.: Some aspects of central nervous pharmacology. *Annual Review of Pharmacology*, 3:153-184, 1963. (Also acknowledges MH-4545).
- TOMAN, JAMES E. P.: Contribution of physiology and pharmacology to psychiatry. *Chicago Medical School Quarterly*, 24:21-31, 1964.
- VAZQUEZ, A. J.: Strychnine-sensitive mechanisms in cat rage. (Abstract) *Federation Proceedings*, 22 (2)Part I:514, 1963.
- VAZQUEZ, A. J., SABELLI, H. C., and TOMAN, J. E. P.: Drug effects on rabbit cortical averaged evoked potentials. (Abstract) *Federation Proceedings*, 23(2)Part I:248, 1964.
- VAZQUEZ, A. J., SABELLI, H. C., and TOMAN, J. E. P.: Action of nicotine and other drugs upon rabbit cortical averaged evoked potentials. (Abstract) *Federation Proceedings*, 24(2)Part 1:266, 1965.
- VAZQUEZ, A. J., and TOMAN, J. E. P.: Human BEG averaged operant potentials. (Abstract) *Federation Proceedings*, 25(2):638, 1966. (Also acknowledges MH-4545).

- MH-5504 (R01) LUBIN, ARDIE, and LANA, ROBERT E.: The repeated measurement design in psychopharmacology. American University, Washington, D.C. (1961-62)
- LUBIN, ARDIE: Book Review: Problems in measuring change. Harris, Chester W., ed. Madison, University of Wisconsin Press, 1963. *American Journal of Psychology*, 78(2):324-327, 1965.
- MH-5505 (R01) MAHER, BRENDAN A.: Telemetric autonomic measure of conflict behavior. Harvard University, Cambridge, Mass. (1961-64)
- MAHER, BRENDAN: The application of the approach-avoidance conflict model to social behavior. *Journal of Conflict Resolution*, 8:287-291, 1964.
- MAHER, BRENDAN, WEISSTEIN, NAOMI, and SYLVAI, KATHLEEN: The determinants of oscillation points in a temporal decision conflict. *Psychonomic Science*, 1:13-14, 1964.
- MH-5509 (R01) FRIIS, HENNING, MILHOJ, POUL, and STEHOUWER, JAN: Study of social well-being of the aged in Denmark. Danish National Institute of Social Research, Copenhagen, Denmark. (1961-63)
- FRIIS, HENNING: Cross-national research in old age. *International Social Science Bulletin*, 15(3):451-455, 1963.
- MH-5511 (R01) TOWNSEND, PETER B.: Social functioning of the aged. University of London—University College, London, U.K. (1961-63)
- TOWNSEND, PETER: Moving towards a general theory of family structure. In: Townsend, Peter. *The family life of old people*. Baltimore, Md., Pelican Books, 1963, p. 300-313.
- TOWNSEND, PETER: The place of older people in different societies. *Lancet*, 18:159-161, 1964.
- WEDDERBURN, DOROTHY COLE: Economic aspects of aging. *International Social Science Journal*, 15(3):394-409, 1963.
- WEDDERBURN, DOROTHY COLE: Pension problems. *London and Cambridge Economic Bulletin*, No. 49, March 1964, p. 6-11.
- MH-5512 (R04) ALLAND, ALEXANDER, JR., and FORD, CLELLAN S.: A comparative study of primitive hygiene. Yale University, New Haven, Conn. (1961-62)
- ALLAND, ALEXANDER, JR.: Residence, domicile, and descent: Groups among the Abnons of the Ivory Coast. *Ethnology*, 2(3):276-281, 1963.
- ALLAND, ALEXANDER, JR.: Native therapists and western medical practitioners among the Abnons of the Ivory Coast. *Transactions of the New York Academy of Sciences*, 26:714-725, 1964.
- MH-5513 (R01) FERGUSON, FRANCES NORTHEND, and HONIGMANN, JOHN J.: Sociopsychological dynamics of nonattachment. University of North Carolina, Chapel Hill, N.C. (1961-62)
- FERGUSON, FRANCES N.: The master-disciple relationship in India. *Research Preview* (Institute for Research in Social Science, University of North Carolina, Chapel Hill, N.C.), 10:22-26, 1963.
- MH-5515 (R03) FISCHER, GLORIA J.: Simple visual discrimination learning sets. University of Oklahoma, Norman, Okla. (1961-61)
- FISCHER, GLORIA J.: The formation of learning sets in young gorillas. *Journal of Comparative and Physiological Psychology*, 55:924-925, 1962.
- MH-5516 (R03) JACKSON, ELTON F.: Effects of status mobility and inconsistency. Yale University, New Haven, Conn. (1961-63)
- JACKSON, ELTON F., and BURKE, PETER J.: Status and symptoms of stress: Additive and interaction effects. *American Sociological Review*, 30(4):556-564, 1965.
- MH-5518 (P01) ENGELHARDT, DAVID M., FINK, GERALDINE, KAUFMAN, I. CHARLES, and SHANDS, HARLEY C.: Psychiatric treatment process research center. State University of New York—Downstate Medical Center, Brooklyn, N.Y. (1961- )
- GOODENOUGH, DONALD R., LEWIS, HELEN B., SHAPIRO, ARTHUR, LEROY, JARRET, and SLESER, IRVING: Dream reporting following abrupt and gradual awakenings from different types of sleep. *Journal of Personality and Social Psychology*, 2(2):170-179, 1965. (Also acknowledges MH-3885).
- GOODENOUGH, DONALD R., LEWIS, HELEN B., SHAPIRO, ARTHUR, and SLESER, IRVING: Some correlates of dream reporting following laboratory awakenings. *Journal of Nervous and Mental Disease*, 140(5):365-373, 1965. (Also acknowledges MH-3885).
- LEWIS, HELEN B., GOODENOUGH, DONALD R., SHAPIRO, ARTHUR, and SLESER, IRVING: Individual differences in dream recall. *Journal of Abnormal Psychology*, 71(1):52-59, 1966. (Also acknowledges MH-3885).
- SHAPIRO, A.: Instrumental techniques for the study of human behavior. *Annals of the New York Academy of Science*, 118:65-70, 1964.
- SHAPIRO, ARTHUR, and COHEN, HARVEY D.: The use of mercury capillary length gauges for the measurement of the volume of thoracic and diaphragmatic components of human respiration: A theoretical analysis and a practical method. *Transactions of the New York Academy of Sciences*, Ser. II, 27(6):634-649, 1965.

- SHAPIRO, ARTHUR, GOODENOUGH, DONALD, LEWIS, HELEN B., and SLESER, IRVING: Gradual arousal from sleep: A determinant of thinking reports. *Psychosomatic Medicine*, 27(4):342-349, 1965. (Also acknowledges MH-3885).
- MH-5519 (P01) GRINKER, ROY R.: Psychosomatic clinical research center. Michael Reese Hospital and Medical Center, Chicago, Ill. (1961- )
- FINE, PAUL, and OFFER, DANIEL: Periodic outbursts of antisocial behavior. *Archives of General Psychiatry*, 13(3):240-254, 1965. (Also acknowledges MH-4870).
- GOLDSTEIN, I. B.: A comparison between Taylor's and Freeman's manifest anxiety scales. *Journal of Consulting Psychology*, 27:466, 1963.
- GOLDSTEIN, IRIS B.: Physiological responses in anxious women patients. *Archives of General Psychiatry*, 10(4):382-388, 1964.
- GOLDSTEIN, I. R., GRINKER, R. R., HEATH, H. A., OKEN, D., and SHIPMAN, W. G.: Study in psychophysiology of muscle tension. 1. Response specificity. *Archives of General Psychiatry*, 11:322-330, 1964.
- GRINKER, R. R.: A struggle for eclecticism. *American Journal of Psychiatry*, 121:451-457, 1964.
- HEATH, HELEN A., and OKEN, DONALD: The quantification of "response" to experimental stimuli. *Psychosomatic Medicine*, 27(5):457-471, 1965.
- OKEN, D.: "Tension," stress and self-control. *Psychosomatics*, 5:3-6, 1964.
- OKEN, DONALD, and GRINKER, ROY R.: The private mental hospital: A setting for clinical research. *Mental Hospitals*, 13:483-486, 1962.
- SHIPMAN, W. G.: The validity of MMPI hostility scales. *Journal of Clinical Psychology*, 21(2):186-190, 1965.
- SHIPMAN, W. G., OKEN, D., GOLDSTEIN, I. B., GRINKER, R. R., and HEATH, H. A.: Study in psychophysiology of muscle tension. II. Personality factors. *Archives of General Psychiatry*, 11:330-345, 1964.
- MH-5521 (P01) FRANK, JEROME D.: KETY, SEYMOUR S.: A psychiatric research center and program. Johns Hopkins University, Baltimore, Md. (1961-62)
- FRANK, L. C., BALDESSARINI, R. J., and KETY, S. S.: Methionine effects on chronic schizophrenics. *Archives of General Psychiatry*, 12(4):346-351, 1965.
- LACK, I. W., and KIEV, A.: Spatial orientation of psychotherapy: An experimental study of perception. *Journal of Nervous and Mental Disease*, 137(1):93-97, 1963.
- MH-5527 (R01) GREENBERG, NAHMAN H., GERTY, FRANCIS, and SABSHIN, MELVIN: Psychophysiological studies during infancy. University of Illinois, Chicago, Ill. (1961-64)
- GREENBERG, N. H.: Studies in psychosomatic differentiation during infancy. *Archives of General Psychiatry*, 7:389-406, 1962.
- GREENBERG, N. H.: Origins of head-rolling (spasmus nutans) during early infancy: Clinical observations and theoretical implications. *Psychosomatic Medicine*, 26:162-171, 1964.
- GREENBERG, N. H., and LOESCH, J. G.: Some specific areas of conflicts observed during pregnancy. *American Journal of Orthopsychiatry*, 32:624-636, 1962.
- MH-5541 (R01) LEEVY, CARROLL M., CHERRICK, GILBERT R., COLE, MALVIN, and NENNO, ROBERT P.: Biochemical mechanism of delirium tremens. Seton Hall College of Medicine and Dentistry, Jersey City, N.J. (1961- )
- CHERRICK, GILBERT R., BAKER, HERMAN, FRANK, OSCAR, and LEEVY, CARROLL M.: Observations on hepatic acidity for folate in laennec's cirrhosis. *Journal of Laboratory and Clinical Medicine*, 66(3):446-451, 1965.
- CHERRICK, GILBERT R., and LEEVY, CARROLL M.: Effect of ethanol metabolism on pyridine nucleotides in extrahepatic tissues. (Abstract) *Federation Proceedings*, 23:242, 1964.
- CHERRICK, G. R., and LEEVY, C. M.: The effect of ethanol metabolism on levels of oxidized and reduced nicotinamide-adenine dinucleotide in liver, kidney, and heart. *Biochimica et Biophysica Acta*, 107:29-37, 1965.
- FENNELLY, JAMES, BAKER, HERMAN, FRANK, OSCAR, and LEEVY, CARROLL M.: Deficiency of thiamine pyrophosphate apoenzyme in liver disease. *Clinical Research*, 11:182, 1963.
- FENNELLY, J., FRANK, O., BAKER, H., and LEEVY, C. M.: Peripheral neuropathy of the alcoholic: I. Aetiological role of aneurin and other B-complex vitamins. *British Medical Journal*, 2:1290-1292, 1964.
- LEEY, CARROLL M.: Clinical aspects of the hepatic circulation. *Gastroenterology*, 48(6):790-804, 1965.
- LEEY, CARROLL M., and BAKER, HERMAN: Metabolic and nutritional effects of alcoholism. *Archives of Environmental Health*, 7:453-459, 1963.
- LEEY, CARROLL M., BAKER, HERMAN, TENHOVE, WILLEM, FRANK, OSCAR, and CHERRICK, GILBERT R.: B-complex vitamins in liver disease of the alcoholic. *American Journal of Clinical Nutrition*, 16(4):339-346, 1965.

- LEEY, CARROLL M., TENHOVE, WILLEM, and HOWARD, MACEO: Mesenchymal-cell proliferation in liver disease of the alcoholic. *Journal of the American Medical Association*, 187:598-600, 1964.
- MH-5543 (R03) HAWKINS, DAVID R., and PURYEAR, HERBERT: Basal skin resistance change in sleep and dreaming. University of North Carolina, Chapel Hill, N.C. (1961-62)
- HAWKINS, DAVID R., PURYEAR, HERBERT B., WALLACE, CHARLES D., DEAL, WILLIAM B., and THOMAS, EDWIN S.: Basal skin resistance during sleep and "dreaming." *Science*, 136:311-322, 1962.
- MH-5547 (R03) SCHWARTZ, FRED: Role of attention in learning memory. Austin Riggs Center, Stockbridge, Mass. (1961-62)
- SCHWARTZ, F., and LIPPMANN, FRANCES: Cognitive and associative structures in recall. *Psychological Reports*, 11:91-101, 1962.
- SCHWARTZ, F., and NOVICK, T. N.: An associative explanation of verbal satiation. *Psychological Reports*, 15:404, 1964.
- MH-5548 (R03) NICHOLS, ROBERT C., and LEWINSON, PETER M.: Evaluation of change in mental disorders. Larue Carter Memorial Hospital, Indianapolis, Ind. (1961-62)
- LEWINSON, P. M., and NICHOLS, R. C.: The evaluation of changes in psychiatric patients during and after hospitalization. *Journal of Clinical Psychology*, 20:272-279, 1964.
- LEWINSON, P. M., NICHOLS, R. C., PULOS, L., LAMONT, J. F., NICKEL, H. J., and SISKIND, G.: The reliability and validity of quantified judgments from psychological tests. *Journal of Clinical Psychology*, 19:64-73, 1963.
- MH-5550 (R01) KRON, REUBEN E., and STEIN, MARVIN: Experimental investigation of sucking behavior. University of Pennsylvania, Philadelphia, Pa. (1961- )
- KRON, R. E., STEIN, M., and GODDARD, G. E.: A method of measuring sucking behavior of newborn infants. *Psychosomatic Medicine*, 25:181-191, 1963.
- MH-5554 (R03) SMALL, JOYCE G.: EEG activation by emotional stress. University of Oregon Medical School, Portland, Ore. (1961-62)
- SMALL, J. G., STEVENS, J. R., and MILSTREIN, V.: Electro-clinical correlates of emotional activation of the electroencephalogram. *Journal of Nervous and Mental Diseases*, 138:146-155, 1964.
- MH-5561 (R03) GHENT, ARTHUR W.: Tribolium responses to fresh and conditioned flours. University of Oklahoma, Norman, Okla. (1961-62)
- GHENT, ARTHUR W.: Studies of behavior of the Tribolium flour beetles. I. Contrasting responses of "T. castaneum" and "T. confusum" to fresh and conditioned flours. *Ecology*, 44(2):269-283, 1963.
- MH-5566 (R01) REISS, IRA L.: Guttman scales of student attitudes. State University of Iowa, Iowa City, Iowa. (1961-64) (Continued from MH-4045).
- McTAVISH, DONALD G.: A method for more reliable coding detailed occupations into Duncan's socio-economic categories. *American Sociological Review*, 29:402-406, 1964. (Also acknowledges MH-4045).
- REISS, IRA L.: Sexual codes in teen-age culture. *Annals of the American Academy of Political and Social Science*, November: 53-62, 1961. (Also acknowledges MH-4045).
- REISS, IRA L.: Sociological studies of sexual standards. In: Winokur, G., ed. *Determinants of human sexual behavior*, Chapter 6. Springfield, Ill., Thomas, 1963. (Also acknowledges MH-4045).
- REISS, IRA L.: Premarital sexual permissiveness among Negroes and whites. *American Sociological Review*, 29:688-698, 1964. (Also acknowledges MH-4045).
- REISS, IRA L.: Social class and premarital sexual permissiveness: A re-examination. *American Sociological Review*, 30(5):747-756, 1965. (Also acknowledges MH-4045).
- MH-5588 (R01) LOEB, JANICE: Social reinforcement and learning in children. Dallas Child Guidance Clinic, Dallas, Texas. (1961-62)
- LOEB, JANICE: The incentive value of cartoon faces to children. *Journal of Experimental Child Psychology*, 1:99-107, 1964
- MH-5589 (R01) ROSEN, BERNARD C.: Family structure and achievement motivation. University of Nebraska, Lincoln, Nebr. (1961- ) (Continued from MH-2283).
- ROSEN, BERNARD C.: Family structure and achievement motivation. *American Sociological Review*, 26:574-585, 1961. (Also acknowledges MH-2283).
- ROSEN, BERNARD C.: Socialization and achievement motivation in Brazil. *American Sociological Review*, 27:612-624, 1962. (Also acknowledges MH-2283).

- N, BERNARD C.: The achievement syndrome I economic growth in Brazil. *Social Forces*, 3(3):341-354, 1964. (Also acknowledges MH-33).
- 5590 (R03) MECHAM, MERLIN J.: Language res vs. speech training. Brigham Young University, Provo, Utah. (1961-62)
- AM, M. J.: Prediction and measurement of tech improvement in the mentally retarded. In: *Selected convention papers, 40th Annual Council of Exceptional Children Convention*. Washington, D.C., National Education Association, 1962, 130-134.
- 5591 (R01) BORGATTA, EDGAR F.: Cumulative scaling and error estimation. University of Wisconsin, Madison, Wisc. (1961-64)
- BORGATTA, EDGAR F.: Some comments on methodological developments in the last quarter-century. *Biological Quarterly*, 3:296-315, 1962.
- BORGATTA, EDGAR F., and STOLZ, WALTER: A note on a computer program for rearrangement of matrices. *Sociometry*, 26(3):391-392, 1963.
- 5597 (R03) UHR, LEONARD M.: Experimental tests of computer model for perception. University of Michigan, Ann Arbor, Mich. (1961-62)
- UHR, LEONARD, VOSSLER, CHARLES, and ULEMAN, JAMES: Pattern recognition over distortions, by human subjects and by a computer simulation of a model for human form perception. *Journal of Experimental Psychology*, 63:227-234, 1962.
- 5600 (R01) WEINER, HAROLD: A study of observer responses in a vigilance task. St. Elizabeth's Hospital, Washington, D.C. (1961-62)
- WEINER, HAROLD: Some effects of response cost on human operant behavior. *Journal of the Experimental Analysis of Behavior*, 5:201-208, 1962.
- WEINER, HAROLD: Operant programming with transfered digital elements. *Journal of the Experimental Analysis of Behavior*, 6:193-195, 1963.
- WEINER, HAROLD: Response cost and the aversive control of human operant behavior. *Journal of the Experimental Analysis of Behavior*, 6:415-421, 1963.
- WEINER, HAROLD: Response cost and fixed-ratio performance. *Journal of the Experimental Analysis of Behavior*, 7:79-81, 1964.
- WEINER, HAROLD: Modification of escape responding in humans by increasing the magnitude of an aversive event. *Journal of the Experimental Analysis of Behavior*, 7:277-279, 1964.
- WEINER, HAROLD: Response cost effects during extinction following fixed-interval reinforcement in humans. *Journal of the Experimental Analysis of Behavior*, 7:333-335, 1964.
- WEINER, H.: Conditioning history and human fixed-interval performance. *Journal of the Experimental Analysis of Behavior*, 7(5):383-385, 1964.
- MH-5611 (R03) GERKEN, GEORGE M.: Correlation of evoked potential and behavior. University of Virginia, Charlottesville, Va. (1961-62)
- GERKEN, G. M.: Correlational analysis of evoked responses. (Abstract) *Journal of the Acoustic Society of America*, 35:809-810, 1963.
- MH-5619 (R17) MENDELSON, JACK H.: Metabolic and behavioral aspects of alcohol addiction. Massachusetts General Hospital, Boston, Mass. (1961- )
- MCGUIRE, MICHAEL T., STEIN, STEFAN, and MENDELSON, JACK H.: Comparative psychosocial studies of alcoholic and nonalcoholic subjects undergoing experimentally induced ethanol intoxication. *Psychosomatic Medicine*, 28(1):13-26, 1966.
- MELLO, NANCY K., and MENDELSON, JACK H.: Operant drinking of alcohol on a rate-contingent ratio schedule of reinforcement. *Journal of Psychiatric Research*, 3(3):145-152, 1965.
- MELLO, N. K., and MENDELSON, J. H.: Operant analysis of drinking patterns of chronic alcoholics. *Nature*, 206(4979):43-46, 1965.
- MENDELSON, JACK H., and MELLO, NANCY K.: A tamper-proof fluid dispenser and drinkometer for monkeys. *Psychonomic Science*, 2(9):387-388, 1965.
- MENDELSON, JACK H., MELLO, NANCY K., CORBETT, CLARE, and BALLARD, REGINALD: Putrescine inhibition of ethanol ingestion and liver alcohol dehydrogenase activity in the rat. *Journal of Psychiatric Research*, 3(2):133-143, 1965.
- MENDELSON, JACK H., STEIN, STEFAN, and MCGUIRE, MICHAEL T.: Comparative psychophysiological studies of alcoholic and nonalcoholic subjects undergoing experimentally induced ethanol intoxication. *Psychosomatic Medicine*, 28(1):1-12, 1966.
- SCHAPIRO, R. H., SCHEIG, R. L., DRUMMEY, G. D., MENDELSON, J. H., and ISSELBACHER, K. J.: Effects of prolonged ethanol ingestion on the transport and metabolism of lipids in man. *New England Journal of Medicine*, 272(12):610-615, 1965.
- TALLAND, GEORGE A., MENDELSON, JACK H., KOZ, GABRIEL, and AARON, ROBERT: Experimental studies of the effects of tricyclic aminopropene on the memory and learning capacities of geriatric patients. *Journal of Psychiatric Research*, 3(3):171-179, 1965.

- MH-5622 (R03) CERNY, LAURENCE C.: In vitro, in vivo blood flow correlation study. Syracuse University, Syracuse, N.Y. (1961-62)
- CERNY, L. C.: A region of Newtonian flow for whole blood. *Biorheology*, 1:159-165, 1963.
- MH-5625 (R03) YOUNG, FRANK W.: Cross-cultural test of two identification hypotheses. University of Pittsburgh, Pittsburgh, Pa. (1961-62)
- YOUNG, FRANK W., and YOUNG, RUTH C.: The sequence and direction of community growth: A cross-cultural generalization. *Rural Sociology*, 27(4):374-386, 1962.
- YOUNG, FRANK W., and YOUNG, RUTH C.: Toward a theory of community development. In: Science, technology and development. Vol. 7. Social problems of development and urbanization. United Nations Conference on the Application of Science and Technology for the Benefit of the Less Developed Areas. New York, United Nations, 1963, p. 23-31.
- MH-5627 (R01) QUAY, HERBERT C., and PETERSON, DONALD R.: Dimensions of personality in juvenile delinquency. Northwestern University, Evanston, Ill. (1961-63)
- QUAY, HERBERT C.: Dimensions of personality in delinquent boys as inferred from the factor analysis of case history data. *Child Development*, 35: 479-484, 1964.
- QUAY, H. C., and QUAY, L. C.: Behavior problems in early adolescence. *Child Development*, 36(1): 215-220, 1965.
- MH-5630 (R01) SHANAS, ETHEL: National survey of noninstitutionalized older people. University of Chicago, Chicago, Ill. (1961-63)
- SHANAS, ETHEL: Some observations on cross-national surveys of aging. *Gerontologist*, 3:7-9, 1963.
- SHANAS, ETHEL: Cross-national research in aging: A report of an on-going research project. *Social Process*, 26:19-22, 1963.
- MH-5632 (R17) KRALL, ALBERT R.: Oxidative and photosynthetic phosphorylation. University of Miami School of Medicine, Miami, Fla. (1961-64)
- KRALL, A. R.: Urinary indoles in mental patients. *Journal of the American Medical Association*, 185:889-890, 1963.
- KRALL, A. R., and BASS, E. R.: Oxygen dependency of in vivo photophosphorylation. *Nature*, 196 (4856):791-792, 1962.
- KRALL, ALBERT R., LEVER, P. GORDON, VILLAVARDE, RICARDO, and BILLET, BERNICE: Studies on urinary indoles in mental patients. *Journal of the American Medical Association*, 184:280-282, 1963.
- KRALL, A. R., SIEGEL, G., and GOZANSKY, D. M.: Adrenochroms inhibition of oxidative phosphorylation by rat brain mitochondria. (Abstract) *Federation Proceedings*, 22:55f, 1962.
- MH-5639 (R03) MAYNARD, EDITH A.: Study of esterases in crustacean nervous system. University of Michigan, Ann Arbor, Mich. (1961-61)
- MAYNARD, E. A.: An electrophoretic study of esterases in the nervous systems of several decapod crustacea. (Abstract) *American Zoologist*, 1(4): 462, 1961.
- MH-5643 (R01) KING, JOHN A., and BALABAN, MARTIN: Social and hereditary factors in nervous instability. Michigan State University, East Lansing, Mich. (1961- ) (Continued from MH-123).
- FREEDMAN, D., ELLIOTT, O., and KING, J. A.: Critical period in the social development of dogs. *Science*, 133:1016-1017, 1961. (Also acknowledges MH-123).
- KING, J. A.: Swimming and reaction to electric shock in two subspecies of deer mice (*Peromyscus maniculatus*) during development. *Animal Behaviour*, 9:142-150, 1961. (Also acknowledges MH-123).
- KING, J. A.: Development and behavioral evolution in "Peromyscus." In: Blair, W. F., ed. *Vertebrate speciation*. Austin, Texas, University of Texas Press, 1961, p. 122-145. (Also acknowledges MH-123).
- KING, J. A.: Maternal behavior in "Peromyscus." In: Rheingold, H. L., ed. *Maternal behavior of mammals*. Baltimore, Wiley & Sons, 1963, p. 58-93. (Also acknowledges MH-123).
- KING, JOHN A.: Body, brain, and lens weights of "Peromyscus." *Zoologische Jahrbucher Anatomie und Ontogenie der Tiere* (Germany), 82:S.177-188, 1965.
- KING, J. A., DESHAIES, J. C., and WEBSTER, R.: Age of weaning in two subspecies of deer mice. *Science*, 139:483-484, 1963. (Also acknowledges MH-123).
- KING, J. A., MAAS, D., and WEISMAN, R. G.: Geographic variation in nest size among three species of *Peromyscus*. (Abstract) *American Zoologist*, 3:501, 1963. Also in: *Evolution*, 18(2):230-234, 1964.
- KING, JOHN A., and WEISMAN, RONALD G.: Sand digging contingent upon bar pressing in deer mice (*Peromyscus*). *Animal Behavior*, 12(4):446-450, 1964.

discrimination in deermice. *Psychonomic Science*, 4(1):43-44, 1965.

OSBEN, J., and HART, F. M.: Effects of early social isolation upon adult timidity and dominance in "Peromyscus." *Psychological Reports*, 13:47-50, 1963. (Also acknowledges MH-123).

(H-5652 (R01) KALLMANN, FRANZ J.: Conference on goals of genetics in psychiatry. New York State Psychiatric Institute, New York, N.Y. (1961-61)

ALLMANN, F. J.: Expanding goals of genetics in psychiatry. In: Kallmann, F. J., ed. *Symposium at the New York State Psychiatric Institute*. New York, Grune & Stratton, 1962, p. 1-12.

(H-5655 (P01) BACON, SELDON D.: Center of alcohol studies at Rutgers. The State University of Rutgers, New Brunswick, N.J. (1961- )

ACON, S. D.: Alcoholism. In: Josephson, Eric, and Josephson, Mary, eds. *Man alone: Alienation in modern society*. New York, Dell, 1962, p. 393-401.

ACON, S. D.: The Rutgers Center of Alcohol Studies. A tentative conceptualization of purpose. *Quarterly Journal of Studies on Alcohol*, 23:321-324, 1962.

ACON, S. D.: Alcohol and complex society. In: Pittman, D. J., and Snyder, C. R., eds. *Society, culture and drinking patterns*. New York, Wiley, 1962, p. 78-93.

ACON, S. D.: Changes in alcoholism rehabilitation, 1928-1963. *Academy of Medicine of New Jersey*, 9:166-178, 1963.

ACON, S. D.: Alcohol, alcoholism, and crime: An overview. *Crime and Delinquency*, 9:1-14, 1963.

ACON, S. D., and STRAUS, R. D.: The problems of drinking in college. In: Pittman, D. J., and Snyder, C. R., eds. *Society, culture and drinking patterns*. New York, Wiley, 1962, p. 246-258.

ARPENTER, J. A.: Effects of alcohol on psychological processes. In: Fox, B. H., and Fox, J. H., eds. *Alcohol and traffic safety*. Washington, D.C., U.S. Government Printing Office, 1963, p. 45-90. (Public Health Service Pub. No. 1043).

ARPENTER, JOHN A., and ROSS, BRUCE M.: Effect of alcohol on short-term memory. *Quarterly Journal of Studies on Alcohol*, 26(4):561-579, 1965. (Also acknowledges MH-6953).

ARPENTER, J. A., and VARLEY, M. E.: The joint action of tranquilizers and alcohol on driving. In: Proceedings of the 3rd International Conference on Alcohol and Road Traffic, 1962. London, British Medical Association, 1963, p. 156-161.

ERON, V., and KELLER, M.: Selected statistical tables on the consumption of alcohol, 1850-1961 and on alcoholism, 1930-1960. *Quarterly Journal on Studies on Alcohol*, 18 p., July 1962.

FALLDING, H.: Functional analysis in sociology. *American Sociological Review*, 28:5-13, 1963.

GORDON, E. R.: Glucose consumption by the perfused isolated rat liver. *Canadian Journal of Biochemistry and Physiology*, 41:1611-1620, 1963.

GORDON, E., TINKER, D. O., and WATSON, W. J.: A study of intermediate carbohydrate metabolism in rats exposed to high oxygen pressures. *Canadian Journal of Biochemistry and Physiology*, 41: 327-333, 1963.

JONES, R. W.: Changing patterns and attitudes toward use of alcoholic beverages in the United States, 1900-1963. In: Reynolds, Richard B., ed. *Interpreting current knowledge about alcohol and alcoholism to a college community*. Albany, New York, New York State Department of Mental Hygiene, 1964, p. 9-20.

KELLER, M.: The definition of alcoholism and the estimation of its prevalence. In: Pittman, D. J., and Snyder, C. R., eds. *Society, culture, and drinking patterns*. New York, Wiley, 1962, p. 310-329. (Also acknowledges MH-9159).

LESTER, D.: Endogenous ethanol. *Quarterly Journal of Studies on Alcohol*, 22:554-574, 1961.

LESTER, D.: The concentration of apparent endogenous ethanol. *Quarterly Journal of Studies on Alcohol*, 23:17-25, 1962.

LESTER, D.: Rapid methods for processing large numbers of tissue samples for ethyl-alcohol. In: Alcohol and road traffic, Proceedings of the 3rd International Conference, London, 1962. 1963, p. 231-236.

MCCARTHY, R. G.: Community responsibility for the control of alcoholism. In: Los Angeles Conference on Alcoholism. Los Angeles, Calif., Welfare Planning Council, 1962, p. 1-6.

MCCARTHY, R. B.: Alcohol—its social and educational implications. In: Alcohol education—whose responsibility? Michigan State Board of Alcoholism, 1963, p. 4-11.

MCCARTHY, R. G.: Alcohol education for classroom and community: A source book for educators. New York, McGraw-Hill, 1964. 308 p.

MURPHREE, HENRY B., PRICE, LILLYS M., and GREENBERG, LEON A.: Effect of congeners in alcoholic beverages on the incidence of nystagmus. *Quarterly Journal of Studies on Alcohol*, 27(2): 201-213, 1966.

RUBINGTON, E.: The alcohol offender and his treatment. In: Toch, Hans, ed. *Legal and criminal psychology*. New York, Holt, Rinehart, & Winston, 1961, p. 381-399.

- RUBINGTON, E.: "Failure" as a heavy drinker: The case of the chronic drunkenness offender on skid row. In: Pittman, David J., and Snyder, Charles R., eds. *Society, culture and drinking patterns*. New York, Wiley, 1962, p. 146-153.
- MH-5664 (R10) BRILL, HENRY: NIMH collaborative study. New York State Department of Mental Hygiene, Albany, N.Y. (1961- )
- DEYKIN, EVA Y., KLERMAN, GERALD L., and ARMOR, DAVID J.: The relatives of schizophrenic patients: Clinical judgments of potential emotional resourcefulness. *American Journal of Orthopsychiatry*, 36(3):518-528, 1966.
- KLERMAN, G. L.: NIMH collaborative study of phenothiazine treatment of acute schizophrenic psychoses. Transactions of the 6th Research Conference on Cooperative Chemotherapy Studies in Psychiatry and Broad Research Approaches to Mental Illness. Washington, D.C., *Veterans Administration*, 6:30-38, 1961.
- KLERMAN, G. L.: The influence of personality factors on phrenotropic agent effects. Transactions of the 6th Research Conference on Cooperative Chemotherapy Studies in Psychiatry and Broad Research Approaches to Mental Illness. Washington, D.C., *Veterans Administration*, 6:339-346, 1961.
- KLERMAN, G. L.: Stress and adjustment reactions: Classification and clinical orientation. In: Nodine, J. H., and Moyer, J. H., eds. *Psychosomatic medicine*. Philadelphia, Lea & Febiger, 1962, p. 14-17.
- KLERMAN, G. L.: Ratings scales in the measurement of psychopathologic pharmacologic response. In: Nodine, J. H., and Moyer, J. H., eds. *Psychosomatic Medicine*. Philadelphia, Lea & Febiger, 1962, p. 368-372.
- KLERMAN, G. L.: Assessing the influence of the hospital milieu upon the effectiveness of psychiatric drug therapy: Problems of conceptualization and of research methodology. *Journal of Nervous and Mental Disease*, 137:143-154, 1963.
- National Institute of Mental Health, Psychopharmacology Service Center Collaborative Study Group. Phenothiazine treatment in acute schizophrenia. *Archives of General Psychiatry*, 10:246-261, 1964. (Also acknowledges MH-4661; MH-4663; MH-4667; MH-4673; MH-4674; MH-4675; MH-4679; MH-4803; MH-4671).
- PEARLIN, LEONARD I., and KLERMAN, GERALD S.: Career preferences of psychiatric residents. *Psychiatry*, 29(1):56-66, 1966.
- ROSE, R. M., DiMASCIO, A., and KLERMAN, G. L.: Non-polar urinary metabolites of chlorpromazine in male schizophrenics. *Journal of Psychiatric Research*, 2(4):299-305, 1964.
- MH-5668 (R03) BECKETT, PETER G. S., and FROHMAN, CHARLES E.: Biochemical study of primates reared in isolation. Lafayette Clinic, Detroit, Mich. (1961-62)
- BECKETT, P. G. S., FROHMAN, C. E., DAVENPORT, R. K., JR., ROGERS, M., and GOTTLIEB, J. S.: Biologic effects of infantile restriction in chimpanzees. *Comprehensive Psychiatry*, 4(1):1-8, 1963. (Also acknowledges MH-1005).
- MH-5671 (R03) RIEBER, MORTON: Delay of reward and discrimination learning. Baylor University, Houston, Texas. (1961-62)
- RIEBER, M.: Verbal mediations in normal and retarded children. *American Journal of Mental Deficiency*, 68:634-641, 1964.
- RIEBER, M.: Delay of reward and discrimination learning in children. *Child Development*, 35:559-568, 1964.
- RIEBER, MORTON, and JOHNSON, BETTE M.: The relative effects of alternating delayed reinforcement and alternating nonreinforcement on response speeds of children. *Journal of Experimental Child Psychology*, 1:174-181, 1964.
- MH-5673 (R01) TEUBER, HANS-LUKAS: Program of research in neuropsychology. Massachusetts Institute of Technology, Cambridge, Mass. (1961- ) (Continued from MH-3347).
- ALTMAN, J.: Diurnal activity rhythm of rats with lesions of superior colliculus and visual cortex. *American Journal of Physiology*, 202(6):1205-1207, 1962. (Also acknowledges MH-3347).
- ALTMAN, J.: Effects of lesions in central nervous visual structures on light aversion of rats. *American Journal of Physiology*, 202:1208-1210, 1962. (Also acknowledges MH-3347).
- ALTMAN, J.: Autoradiographic study of degenerative and regenerative proliferation of neuroglia cells with tritiated thymidine. *Experimental Neurology*, 5(4):302-318, 1962. (Also acknowledges MH-3347).
- ALTMAN, J.: Some fiber projections to the superior colliculus in the cat. *Journal of Comparative Neurology*, 119:77-95, 1962. (Also acknowledges MH-3347).
- ALTMAN, J.: Are new neurons formed in the brains of adult mammals? *Science*, 135(3509):1127-1128, 1962. (Also acknowledges MH-3347).
- ALTMAN, J., and ALTMAN, ELIZABETH: Increased utilization of an amino acid and cellular proliferation demonstrated autoradiographically in the optic pathways of pigeons. *Experimental Neurology*, 6:142-151, 1962. (Also acknowledges MH-3347).



- logical study of the superior colliculus and visual cortex. *Experimental Neurology*, 5:233-249, 1962. (Also acknowledges MH-3347).
- CHOROVER, S. L.: Effects of mescaline sulfate on extinction of conditional avoidance response (CAR). *Journal of Comparative and Physiological Psychology*, 54:649-652, 1961. (Also acknowledges MH-3347).
- CHOROVER, S. L., and GROSS, C. G.: Caudate nucleus lesions: Behavioral effects in the rat. *Science*, 141:826-827, 1963. (Also acknowledges MH-3347).
- CHOROVER, S. L., and SCHILLER, P. H.: Short-term retrograde amnesia in rats. *Journal of Comparative and Physiological Psychology*, 59:73-78, 1965.
- GHEENT, LILA, MISHKIN, M., and TEUBER, H. L.: Short-term memory after frontal-lobe injury in man. *Journal of Comparative and Physiological Psychology*, 55:705-709, 1962. (Also acknowledges MH-3347).
- GROSS, C. G.: Effects of different stimulus conditions on locomotor activity of frontal monkeys. (Abstract) *American Psychologist*, 17:385, 1962. (Also acknowledges MH-3347).
- GROSS, C. G.: A comparison of the effects of partial and total lateral frontal lesions on test performance by monkeys. *Journal of Comparative and Physiological Psychology*, 56(1):41-47, 1963. (Also acknowledges MH-3347).
- GROSS, C. G.: Effect of deprivation on delayed response and delayed alternation performance by normal and brain operated monkeys. *Journal of Comparative and Physiological Psychology*, 56(1):48-51, 1963. (Also acknowledges MH-3347).
- GROSS, C. G.: Discrimination reversal after lateral frontal lesions in monkeys. *Journal of Comparative and Physiological Psychology*, 56(1):52-55, 1963. (Also acknowledges MH-3347).
- GROSS, C. G.: Locomotor activity following lateral frontal lesions in rhesus monkeys. *Journal of Comparative and Physiological Psychology*, 56:232-236, 1963. (Also acknowledges MH-3347).
- GROSS, CHARLES G., CHOROVER, STEPHAN L., and COHEN, SHOEI M.: Caudate, cortical, hippocampal and dorsal thalamic lesions in rats: Alternation and Hebb-Williams maze performance. *Neuropsychologia*, 3:53-68, 1965.
- GROSS, C. G., and WEISKRANTZ, L.: Evidence for dissociation of impairment on auditory discrimination and delayed response following lateral frontal lesions in monkeys. *Experimental Neurology*, 5(6):453-476, 1962. (Also acknowledges MH-3347).
- GROSS, C. G., and WEISKRANTZ, L.: Some changes in behavior produced by lateral frontal lesions in the Macaque. In: Warren, J. M., and Akert, K., eds. *The frontal granular cortex and behavior*. New York, McGraw-Hill, 1964, p. 74-101. (Also acknowledges MH-3347).
- MACKINTOSH, J., and SUTHERLAND, N. S.: Visual discrimination by the goldfish: The orientation of rectangles. *Animal Behavior*, 11(1):135-141, 1963. (Also acknowledges MH-3347).
- MACKINTOSH, N. J., MACKINTOSH, J., and SUTHERLAND, N. S.: The relative importance of horizontal and vertical extents in shape discrimination by octopus. *Animal Behavior*, 11(2&3):355-358, 1963.
- MEYER, V., GROSS, C. G., and TEUBER, H.-L.: Effect of knowledge of site of stimulation on the threshold for pressure sensitivity. *Perceptual and Motor Skills*, 16:637-640, 1963. (Also acknowledges MH-3347).
- PROCTOR, FLORRY, RIKLAN, M., COOPER, I. S., and TEUBER, H. L.: Somatosensory status of parkinsonian patients before and after chemothalamectomy. *Neurology*, 13:906-912, 1963. (Also acknowledges MH-3347).
- RUDEL, RITA G., and TEUBER, H.-L.: Discrimination of direction of line in children. *Journal of Comparative and Physiological Psychology*, 56(5):892-898, 1963. (Also acknowledges MH-3347).
- RUDEL, RITA G., and TEUBER, H.-L.: Decrement of visual and haptic Müller-Lyer illusion on repeated trials: A study of crossmodal transfer. *Quarterly Journal of Experimental Psychology*, 15:125-131, 1963. (Also acknowledges MH-3347).
- SEMMES, JOSEPHINE, WEINSTEIN, S., GHEENT, LILA, and TEUBER, H.-L.: Correlates of impaired orientation in personal and extrapersonal space. *Brain*, 86:747-772, 1963. (Also acknowledges MH-3347).
- SUTHERLAND, N. S.: Visual discrimination of shape by "octopus": Squares and crosses. *Journal of Comparative and Physiological Psychology*, 55:939-943, 1962. (Also acknowledges MH-3347).
- SUTHERLAND, N. S., MACKINTOSH, J., and MACKINTOSH, N. J.: The visual discrimination of reduplicated patterns by octopus. *Animal Behavior*, 11(1):106-110, 1963. (Also acknowledges MH-3347).
- SUTHERLAND, N. S., MACKINTOSH, N. J., and MACKINTOSH, J.: Simultaneous discrimination training of "octopus" and transfer of discrimination along a continuum. *Journal of Comparative and Physiological Psychology*, 56(1):150-156, 1963. (Also acknowledges MH-3347).
- SUTHERLAND, N. S., MACKINTOSH, N. J., and MACKINTOSH, J.: Shape and size discrimination

- in octopus: The effects of pretraining along different dimensions. *Journal of Genetic Psychology*, 106(First Half):1-10, 1965.
- TEUBER, H.-L.: Brain and behavior. Summation. In: Brazier, M. A. B., ed. *International Conference on Brain and Behavior*. Washington, D.C., American Institute of Biological Sciences, 1961, p. 393-420. (Also acknowledges MH-3347).
- TEUBER, H.-L.: Sensory deprivation, sensory suppression and agnosia: Notes for a neurologic theory. *Journal of Nervous and Mental Diseases*, 132(1):32-40, 1961. (Also acknowledges MH-3347).
- TEUBER, H.-L.: Some observations on the superior colliculi of the cat. (Report on the work of J. Altman) In: Jung, R., and Kornhuber, H., eds. *Neurophysiologie und Psychophysik des visuellen Systems*. Heidelberg, Springer, 1961, p. 217-221. (Also acknowledges MH-3347).
- TEUBER, H.-L.: Neuere Beobachtungen über Sehstrahlung und Sehrinde. In: Jung, R., and Kornhuber, H., eds. *Neurophysiologie und Psychophysik des visuellen Systems*. Heidelberg, Springer, 1961, 256-274. (Also acknowledges MH-3347).
- TEUBER, H.-L.: Space perception and its disturbances after brain injury in man. Proceedings of the Sixteenth International Congress of Psychology, Bonn, 1960. *Acta Psychologica*, 19:837-838, 1961. (Also acknowledges MH-3347).
- TEUBER, H.-L.: Effects of brain wounds implicating right or left hemisphere in man. Hemisphere differences and hemisphere interaction in vision, audition, and somesthesia. In: Mountcastle, V. B., ed. *Interhemispheric relations and cerebral dominance*. Baltimore, Johns Hopkins, 1962, p. 131-157. (Also acknowledges MH-3347).
- TEUBER, H.-L.: Perspectives in the problems of biological memory—A psychologist's view. In: Schmitt, F. O., ed. *Macromolecular specificity and biological memory*. Cambridge, Massachusetts Institute of Technology, 1962, p. 99-107. (Also acknowledges MH-3347).
- TEUBER, H.-L.: Memory. *New York Medicine*, 18: 248-250, 1962. (Also acknowledges MH-3347).
- TEUBER, H.-L.: Personality and reaction to brain damage. In: Dulany, D. E., DeValois, R. L., Beardslee, D. C., and Winterbottom, Marian R. *Contributions to modern psychology*. 2nd ed. New York, Oxford University, 1963, p. 406-414. (Also acknowledges MH-3347).
- TEUBER, H.-L.: Space perception and its disturbances after brain injury in man. *Neuropsychologia*, 1:47-57, 1963. (Also acknowledges MH-3347).
- TEUBER, H.-L.: The riddle of frontal lobe function in man. In: Warren, J. M., and Akert, K., eds. *The frontal granular cortex and behavior*. New York, McGraw-Hill, 1964, p. 410-444. (Also acknowledges MH-3347).
- TEUBER, H.-L., and RUDEL, RITA G.: Effects of brain injury in children and adults. *Clinical Psychology* (Copenhagen), 4:113-139, 1962. (Proceedings of the 14th Congress of Applied Psychology). (Also acknowledges MH-3347).
- TEUBER, H.-L., and RUDEL, RITA G.: Behavior after cerebral lesions in children and adults. *Developmental Medicine and Child Neurology*, 4:3-20, 1962. (Also acknowledges MH-3347).
- VAUGHAN, HERBERT G., JR., and COSTA, LOUIS D.: Application of evoked potential techniques to behavioral investigation. *Annals of the New York Academy of Sciences*, 118:71-75, 1964. (Also acknowledges MH-3347).
- VAUGHAN, HERBERT G., and HULL, RICHARD C.: Functional relation between stimulus intensity and photically evoked cerebral responses in man. *Nature*, 206(4985):720-721, 1965.
- WEISKRANTZ, L.: Contour discrimination in a young monkey with striate cortex ablation. *Neuropsychologia*, 1(2):145-164, 1963. (Also acknowledges MH-3347).
- WICKELGREN, W. A.: Psychology: Effects of different terminal sounds on short-term memory for initial consonant sounds. *Nature*, 203:1199-1200, 1964.
- WICKELGREN, WAYNE A.: Short-term memory for phonemically similar lists. *American Journal of Psychology*, 78(4):567-574, 1965.
- WYKE, MARIA, and CHOROVER, STEPHAN L.: Comparison of spatial discrimination in the temporal and nasal sectors of the monocular visual field. *Perceptual and Motor Skills*, 20(3)Part 2:1037-1045, 1965.
- MH-5691 (R03) WUNDERLICH, RICHARD A.: Contiguity determinants of discrimination difficulty. Catholic University of America, Washington, D.C. (1961-62)
- WUNDERLICH, R. A., and DORFF, J. E.: Contiguity relationships of stimulus, response, and reward as determinants of discrimination difficulty. *Journal of Comparative and Physiological Psychology*, 59: 147-149, 1965.
- MH-5697 (R03) BRODY, NATHAN: Effect of anxiety on information processing behavior. Princeton University, Princeton, N.J. (1961-62)
- BRODY, NATHAN: Anxiety and the variability of word associates. *Journal of Abnormal and Social Psychology*, 68:331-334, 1964.

- BRODY, NATHAN: Anxiety, induced muscular tension, and the statistical structure of binary response sequences. *Journal of Abnormal and Social Psychology*, 68:540-543, 1964.
- BRODY, NATHAN: The effect of commitment to correct and incorrect decisions on confidence in a sequential decision-task. *American Journal of Psychology*, 78(2):251-256, 1965.
- MH-5698 (R03) CANDLAND, DOUGLAS K.: Teaching deaf mutes by the oddity problem method. Bucknell University, Lewisburg, Pa. (1961-62)
- CANDLAND, DOUGLAS K., and CONKLYN, DANIEL H.: Use of the "oddity problem" in teaching mentally retarded deaf-mutes to read; a pilot project. *Training School Bulletin*, 59:38-41, 1962.
- MH-5704 (R01) BOGOCH, SAMUEL: Pathological chemistry of brain glycolipids. Foundation for Research on the Nervous System, Boston, Mass. (1961-61) (Continued from MH-2095).
- BOGOCH, S.: Aminoglycolipids and glycoproteins of human brain. III. Quantitative separation and determination of brain glycoproteins, neuraminic acid, hexosamin, and hexoses by means of whole tissue emulsion-fractionation. *Nature*, 190:153-155, 1961. (Also acknowledges MH-2095).
- BOGOCH, S.: Glycoproteins of human cerebrospinal fluid. In: Stewart, C. P., Fraser, S. C., and Jocelyn, P. C., eds. *Proceedings of the 4th International Congress on Clinical Chemistry*. Edinburgh & London, Livingston, 1961, p. 136. (Also acknowledges MH-2095).
- BOGOCH, S.: Aminoglycolipids and glycoproteins of human brain. New methods for their extraction and further study in the sphingolipidoses. In: Aronson, S. M., and Volk, B. W., eds. *Proceedings of the international conference on the sphingolipidoses*. New York, Academic Press, p. 249-270. (Also acknowledges MH-2095).
- BOGOCH, S., BELVAL, P. C., and WINER, D.: Aminoglycolipids and glycoproteins of human brain. II. Hot methanol extraction of human brain aminoglycolipids. *Nature*, 190:152-153, 1961. (Also acknowledges MH-2095).
- BOGOCH, S., FAILLACE, L. A., BELVAL, P. C., and WINER, D.: Aminoglycolipids and glycoproteins of human brain. I. Quantitative fractionation of brain glycolipids by silicic acid chromatography. *Nature*, 190:150-155, 1961. (Also acknowledges MH-2095).
- FAILLACE, L. A., and BOGOCH, S.: Quantitative separation of human brain glycolipids: Isolation of aminoglycolipid. *Biochemical Journal*, 82:527-530, 1962. (Also acknowledges MH-2095).
- MH-5706 (R03) SZASZ, THOMAS S.: Law, liberty, and psychiatry. State University of New York—Upstate Medical Center, Syracuse, N.Y. (1961-62)
- SZASZ, THOMAS: Law, liberty, and psychiatry: An inquiry into the social uses of mental health practices. New York, Macmillan, 1963.
- MH-5729 (R03) LACHMAN, ROY: Exploratory empirical research—a theory of thinking. Hollins College, Hollins College, Va. (1961-62)
- LACHMAN, R., and SANDERS, J. A.: Concept shifts and verbal behavior. *Journal of Experimental Psychology*, 65:22-29, 1963.
- MH-5733 (R03) GERKEN, GEORGE M.: Self-stimulation—the effect of stimulus parameters. University of Virginia, Charlottesville, Va. (1961-62)
- CAMPBELL, J. F.: A comparison of thresholds for the detection of subcortical electric current and for self stimulation. (Abstract) *American Psychologist*, 18:436, 1963.
- MH-5746 (R03) GOUGH, HARRISON G.: Assessment of medical students and practitioners. University of California, Berkeley, Calif. (1961-62)
- GOUGH, HARRISON G.: A validation study of the Chapin social insight test. *Psychological Reports*, 17(2):355-367, 1965.
- GOUGH, H. G., HALL, W. B., and HARRIS, R. E.: Admissions procedures as forecasters of performance in medical training. *Journal of Medical Education*, 38:983-998, 1963.
- MH-5754 (R01) JACOBS, HARRY L.: Psychophysiology of sugar appetite. University of Illinois, Urbana, Ill. (1962- ) (Continued from MH-4320).
- JACOBS, HARRY L.: Evidence for a bipolar detector system involved in hunger. *Physiologist*, 6:209, 1963. (Also acknowledges MH-4320).
- JACOBS, HARRY L.: Effects of intragastric hypertonic glucose loads on AC brain resistance in rats. *Proceedings of the Society for Experimental Biology and Medicine*, 114:657-659, 1963. (Also acknowledges MH-4320).
- JACOBS, HARRY L.: Evaluation of the osmotic effects of glucose loads in food satisfaction. *Journal of Comparative and Physiological Psychology*, 57:309-310, 1964. (Also acknowledges MH-4320).
- JACOBS, HARRY L.: Observations on the ontogeny of saccharine preference in the neonate rat. *Psychonomic Science*, 1:105-106, 1964.

- JACOBS, HARRY L.: The interaction of hunger and thirst: Experimental separation of osmotic and oral-gastric factors in regulating caloric intake. In: Wayner, M. J., ed. *Thirst*. New York, Pergamon Press, 1964, p. 117-137. (Also acknowledges MH-4320).
- JACOBS, H. L., and SHARMA, K. N.: The modulating influence of flavor on food preferences in hypothalamic obese rats. *Federation Proceedings*, 23:448, 1964.
- JACOBS, H. L., and SHARMA, K. N.: Energy balance and palatability: The effect of food deprivation on the intake of positively and negatively flavored solutions. *Physiologist*, 7:166, 1964.
- SHARMA, K. N., and DUA, S.: Gastric-caudate relationship: Its implications in food intake. *Physiologist*, 6:273, 1963.
- SHARMA, K. N., and NASSET, E. S.: Electrical activity in mesenteric nerves after perfusion of gut lumen. *American Journal of Physiology*, 202: 725-730, 1962.
- UGOLEV, A. M., and KASSIL, V. G.: Physiology of the appetite. *Uspekhi Sovremennoi Biologii*, 51: 352-368, 1961.
- MH-5757 (R01) PIERREL, ROSEMARY, and SHERMAN, J. GILMOUR: Parameters of generalization and discrimination. Brown University, Providence, R.I. (1961-64) (Continued from MH-2554).
- HEGGE, F. W., PIERREL, R., and SHERMAN, J. G.: A five-channel photoelectric programmer. *Journal of the Experimental Analysis of Behavior*, 7 (4):326, 1964. (Also acknowledges MH-2554).
- PIERREL, R., and SHERMAN, J. G.: Generalization and discrimination as a function of the  $S^D$ - $S^A$  difference. *Journal of the Experimental Analysis of Behavior*, 5(1):67-71, 1962. (Also acknowledges MH-2554).
- PIERREL, R., SHERMAN, J. G., and FISCHMAN, M. W.: Generalization of auditory intensity as a function of small amounts of discriminating training. *Journal of the Experimental Analysis of Behavior*, 6:545-548, 1963. (Also acknowledges MH-2554).
- SHERMAN, J. G., HEGGE, F. W., and PIERREL, R.: Discrimination formation as related to the amount of  $S^A$  training. *Psychonomic Science*, 1:43-44, 1964. (Also acknowledges MH-2554).
- SHERMAN, J. G., and PIERREL, R.: Generalization of auditory intensity as a function of the amount of discrimination training. *Journal of the Experimental Analysis of Behavior*, 4:237-241, 1961. (Also acknowledges MH-2554).
- MH-5782 (R03) BARCLAY, ALLAN G.: Contribution of mediation to transfer effects. St. Louis University, St. Louis, Mo. (1961-62)
- BARCLAY, A.: Mediated transfer in verbal learning. *Psychological Reports*, 12:751-756, 1963.
- MH-5793 (R03) GUTEKUNST, RALPH M., JR., and YOUNISS, JAMES E.: Imprinting and a test of the consolidated hypothesis. Catholic University of America, Washington, D.C. (1961-62)
- GUTEKUNST, RALPH, and YOUNISS, JAMES: Interruption of imprinting following anesthesia. *Perceptual and Motor Skills*, 16:348, 1963.
- MH-5809 (R03) DOWNING, ROBERT W., and EWING, JAMES H.: Distractors in schizophrenic concept formation. University of Pennsylvania, Philadelphia, Pa. (1961-62)
- DOWNING, ROBERT W., EBERT, JOHN N., and SHUBROOKS, S. J.: Effect of phenothiazines on the thinking of acute schizophrenics. *Perceptual and Motor Skills*, 17:511-520, 1963. (Also acknowledges MH-4679).
- DOWNING, R. W., EBERT, J. N., and SHUBROOKS, S. J.: Effects of three types of verbal distractors on thinking in acute schizophrenia. *Perceptual and Motor Skills*, 17:881-882, 1963.
- DOWNING, R. W., SHUBROOKS, SAMUEL J., and EBERT, JOHN N.: Intrusion of associative distractors into conceptual performance by acute schizophrenics: Role of associative strength. *Perceptual and Motor Skills*, 22(2):460-462, 1966. (Also acknowledges MH-4679).
- MH-5815 (R01) WENKERT, ERNEST: Bioactive indole compounds. Indiana University, Bloomington, Ind. (1961-63) (Continued from MH-1301).
- WENKERT, E., ADAMS, K. A. H., and LEICHT, C.: Self-condensation of methyl propiolate. *Canadian Journal of Chemistry*, 41:1844-1846, 1963. (Also acknowledges MH-1301).
- WENKERT, E., and BLOSSEY, E.: Derivatives of oxytryptophal. *Journal of Organic Chemistry*, 27: 4656-4659, 1962. (Also acknowledges MH-1301).
- WENKERT, ERNEST, DAVE, K. G., and HAGLID, F.: General methods of synthesis of indole alkaloids. V. Syntheses of d,1-Corynantheidol and d,1-Epi-alloyohimbane. *Journal of the American Chemical Society*, 87(23):5461-5467, 1965.
- WENKERT, E., GARRATT, S., and DAVE, K. G.: A quebrachamine model. *Canadian Journal of Chemistry*, 42:489-490, 1961. (Also acknowledges MH-1301).

- WENKERT, E., and KILZER, J.: A flavopereirine synthesis. *Journal of Organic Chemistry*, 27:2283-2284, 1962. (Also acknowledges MH-1301).
- WENKERT, E., ORR, J. C., GARRATT, S., HANSEN, J., WICKBERG, B., and LEICHT, C.: Gelsedine. *Journal of Organic Chemistry*, 27:4123-4126, 1962. (Also acknowledges MH-1301).
- WENKERT, E., and WICKBERG, B.: General methods of synthesis of indole alkaloids: A flavopereirine synthesis. *Journal of the American Chemical Society*, 84:4914-4919, 1962. (Also acknowledges MH-1301).
- WENKERT, ERNEST, and WICKBERG, BORJE: General methods of synthesis of indole alkaloids. IV. A synthesis of dl-eburnamonine. *Journal of the American Chemical Society*, 87(7):1580-1589, 1965.
- WENKERT, E., WICKBERG, B., and LEICHT, C.: The stereochemistry of ajmalicine and tetrahydroalstonine. *Journal of the American Chemical Society*, 83:5037, 1961. (Also acknowledges MH-1301).
- WENKERT, E., WICKBERG, B., and LEICHT, C.: The stereochemistry of mayumbine and structurally related oxindole alkaloids. *Tetrahedron Letters*, 22:822-826, 1961. (Also acknowledges MH-1301).
- MH-5829 (R03) SCHUBERT, MARGARET S.: Applications for admission, School of Social Welfare. University of California, Berkeley, Calif. (1961-62)
- SCHUBERT, MARGARET: Admissions decisions. *Social Service Review*, 37:154-165, 1963.
- MH-5892 (R03) FOX, BERNARD H.: Alcohol effect on caloric nystagmus latency. Cleveland Psychiatric Institute and Hospital, Cleveland, Ohio. (1961-62)
- FOX, B. H., LOWER, J., and FOX, M. W.: Measurement and reduction of some sources of variation in a breath instrument. In: Proceedings, 3rd International Conference on Alcohol and Road Traffic, London, 1962. London, British Medical Association, 1963, p. 261-271.
- MH-5903 (R03) VOGEL, EZRA F., and VOGEL, JUDANNE H.: Japanese family and the emotionally disturbed child. Harvard University, Cambridge, Mass. (1961-62)
- VOGEL, EZRA F.: Entrance examinations and emotionally disturbed children in Japan's new middle class. In: Smith, Robert J., and Beardsley, Richard K., eds. *Japanese culture*. New York, Viking Fund Series, Werner-Gren Foundation, 1962, p. 140-152.
- VOGEL, EZRA F.: Japan's new middle class: The ordinary man and his family in a Tokyo suburb. Berkeley, Calif., University of California Press, 1963, 299 p.
- MH-5909 (R03) McALLISTER, ROBERT J., and VANDER VELDT, ALBERT: Factors in mental illness among hospitalized sisters. Seton Psychiatric Institute, Baltimore, Md. (1961-62)
- McALLISTER, R. J., and VANDER VELDT, A. J.: Psychiatric illness in hospitalized Catholic religious. *American Journal of Psychiatry*, 121(9):881-884, 1965. (Also acknowledges MH-3773).
- MH-5914 (R03) BRUCH, HILDE, and CODDINGTON, R. DEAN: Electrogastrographic study of hunger awareness. New York State Psychiatric Institute, New York, N.Y. (1961-63)
- BRUCH, HILDE: Falsification of bodily needs and body concept in schizophrenia. *Archives of General Psychiatry*, 6(1):18-24, 1962. Also in: Proceedings of the 3rd World Congress of Psychiatry. Vol. 2. Montreal, University of Toronto Press/McGill University Press, 1961, p. 1117-1120.
- BRUCH, HILDE: Transformation of oral impulses in eating disorders: A conceptual approach. *Psychiatric Quarterly*, 35:458-481, 1961.
- BRUCH, HILDE: Prognosis and treatment of obesity from a psychiatrist's point of view. In: L'Obesite. Paris, Expansion Scientifique, 1963, p. 319-326.
- MH-5918 (R03) CHANCE, NORMAN A.: Culture change and mental health among the Eskimo. University of Oklahoma, Norman, Okla. (1961-62)
- CHANCE, NORMAN A.: Eskimo-white relations at remote military installations. In: Sells, S. B., ed. *Research relevant to behavior problems of small military groups under isolation and stress*. Fort Wainwright, Alaska, Aero-Medical Laboratory, 1962, p. 57-61.
- CHANCE, NORMAN A.: Notes on culture change and personality adjustment among the North Alaska Eskimos. *Arctic*, 16(4):264-270, 1963.
- CHANCE, NORMAN A., and FOSTER, DOROTHY A.: Symptom formation and patterns of psychopathology in a rapidly changing Alaskan Eskimo society. *Anthropological Papers of the University of Alaska*, 11(1):32-42, 1962.
- CHANCE, NORMAN A., and TRUDEAU, JOHN: Social organization, acculturation, and integration among the Eskimo and Cree: A comparative study. *Anthropologica*, 5(1):47-56, 1963.
- MH-5920 (R03) BECKER, JOSEPH, and NICHOLS, CHARLES H.: Personality and blood characteristics of cyclothymics. University of Illinois, Urbana, Ill. (1961-63)
- BECKER, JOSEPH, and NICHOLAS H.: Community of manic-depressive and "mild" cyclothymic charac-

- teristics. *Journal of Abnormal and Social Psychology*, 69(5):531-538, 1964.
- MH-5931 (R03) MYERS, J. MARTIN, and SHELDON, DANA M.: Study of 151 elderly first admissions. Pennsylvania Hospital, Philadelphia, Pa. (1961-62)
- MYERS, J. M., SHELDON, D., and ROBINSON, S. S.: A study of 138 elderly first admissions. *American Journal of Psychiatry*, 120(3):244-249, 1963.
- MH-5933 (R03) ROBBINS, GERALD M., and FREEMAN, HARRY: Impact of transfer of mental patients on the family. Medfield State Hospital, Medfield, Mass. (1961-63)
- ROBBINS, GERALD M.: Effect upon the family of transfer of mental patients. *Community Mental Health Journal*, 1(2):195-204, 1965.
- MH-5951 (R03) SMITH, AARON: Psychological impairment in brain tumor patients. Seton Hall College of Medicine and Dentistry, Jersey City, N.J. (1961-62)
- SMITH, AARON: Ambiguities in concepts and studies of "brain damage" and "organicity." *Journal of Nervous and Mental Disease*, 135:311-326, 1962.
- SMITH, AARON: Psychodiagnosis of patients with brain tumors. The validity of Hewson's ratios in neurological and mental hospital populations. *Journal of Nervous and Mental Disease*, 135:513-533, 1962.
- SMITH, AARON: Verbal and nonverbal test performances of patients with "acute" lateralized brain lesions (tumors). *Journal of Nervous and Mental Disease*, 141(5):517-523, 1965.
- SMITH, AARON: Certain hypothesized hemispheric differences in language and visual functions in human adults. *Cortex*, 2:109-126, 1966.
- MH-5970 (R03) FOX, STEPHEN S., and LIEBESKIND, JOHN: Schizophrenic serum and resistance to stress. University of Michigan, Ann Arbor, Mich. (1961-62)
- LIEBESKIND, JOHN C., and FOX, STEPHEN S.: The effect of cingulectomy on the ability to develop resistance to stress. (Abstract) *American Psychologist*, 17:389-390, 1962.
- MH-5981 (R03) HEIMSTRA, NORMAN W., and DAVIS, ROGER T.: Social influence on response to drugs. State University of South Dakota, Vermillion, S.D. (1961-62)
- HEIMSTRA, NORMAN W.: Social influence on the response to drugs. I. Amphetamine sulfate. *Journal of Psychology*, 53:233-244, 1962.
- HEIMSTRA, N. W.: Social influence on the response to drugs. II. Chlorpromazine and iproniazid. *Psychopharmacologia*, 3:72-78, 1962.
- HEIMSTRA, N. W., and DAVIS, R. T.: A simple recording system for the direct observation technique. *Animal Behavior*, 10:208-210, 1962.
- HEIMSTRA, N. W., and McDONALD, A.: Social influence on the response to drugs. IV. Stimulus factors. *Psychological Record*, 12:327-330, 1962.
- HEIMSTRA, N. W., and McDONALD, A.: Social influence on the response to drugs. III. Age factors in the response to amphetamine sulfate. *Psychopharmacologia*, 3:212-218, 1962.
- MAST, T., and HEIMSTRA, N. W.: Prior social experience on amphetamine toxicity in mice. *Psychological Reports*, 11:809-812, 1962.
- MH-5983 (R03) RINKEL, MAX: Publication of a book on psychopharmacology. Massachusetts Mental Health Center, Boston, Mass. (1961-62)
- RINKEL, MAX, ed.: Specific and non-specific factors in psychopharmacology. New York, Philosophical Library, 1963, 174 p.
- MH-5984 (R03) WYNNE, RONALD D.: Associations, clinical state, and test behavior. Pennsylvania Hospital, Philadelphia, Pa. (1961-62)
- SCHIFFMAN, H., and WYNNE, R. D.: Cause and affect. Research memorandum RM-63-7. Princeton, N.J., Educational Testing Service, 1963.
- WYNNE, R. D.: Are normal word association norms suitable for schizophrenics? *Psychological Reports*, 14:121-122, 1964.
- WYNNE, RONALD D., GERJUOY, HERBERT, and SCHIFFMAN, HAROLD: Association test antonym-response set. *Journal of Verbal Learning and Verbal Behavior*, 4(5):354-359, 1965.
- MH-5993 (R03) GARFIELD, SOL L., and AFFLECK, D. CRAIG: Patient-therapist interactions in psychotherapy. University of Nebraska, Lincoln, Nebr. (1961-62)
- GARFIELD, S. L.: A note on 'patients' reasons for terminating therapy. *Psychological Reports*, 13:38, 1963.
- GARFIELD, S. L., AFFLECK, D. C., and MUFFLY, R.: A study of psychotherapy interaction and continuation in psychotherapy. *Journal of Clinical Psychology*, 19:473-478, 1963.
- MH-5994 (R01) BRACKBILL, YVONNE: Delay of reinforcement and retention. University of Colorado Medical Center, Denver, Colo. (1961- )
- BRACKBILL, YVONNE, BOBLITT, WILLIAM E., DAVLIN, DOUGLAS, and WAGNER, JOHN E.: Ampli-

- tude of response and the delay-retention effect. *Journal of Experimental Psychology*, 66:57-64, 1963.
- BRACKBILL, YVONNE, BRAVOS, ANTHONY, and STARR, RAYMOND H.: Delay-improved retention of a difficult task. *Journal of Comparative and Physiological Psychology*, 55:947-952, 1962.
- BRACKBILL, YVONNE, ISAACS, R. B., and SMELKINSON, N.: Delay of reinforcement and the retention of unfamiliar, meaningless material. *Psychological Reports*, 11:553-554, 1962.
- BRACKBILL, YVONNE, and KAPPY, MICHAEL S.: Delay of reinforcement and retention. *Journal of Comparative and Physiological Psychology*, 55:14-18, 1962.
- BRACKBILL, YVONNE, WAGNER, JOHN E., and WILSON, DOROTHY: Feedback delay and the teaching machine. *Psychology in the Schools*, 1:148-156, 1964.
- INTZ, LARRY M., and BRACKBILL, YVONNE: Effects of reinforcement delay during learning on the retention of verbal material in adults. *Journal of Experimental Psychology*, 71(2):194-199, 1966.
- HI-5998 (R01) OAKES, WILLIAM F.: Reinforcement effects in group discussion. University of Hawaii, Honolulu, Haw. ((1961-63) (Continued from MH-3212).
- ORDMAN, W. K.: Constancy of absolute judgments of size by normals and schizophrenics. *Journal of Abnormal and Social Psychology*, 68:346-349, 1964. (Also acknowledges MH-1121).
- AKES, W. F.: Reinforcement of Bales' categories in group discussion. *Psychological Reports*, 11:427-435, 1962. (Also acknowledges MH-3212).
- AKES, W. F.: A comparison of the effectiveness of signal light reinforcers given various meanings on participation in group discussion. *Psychological Reports*, 11:469-470, 1962. (Also acknowledges MH-3212).
- AKES, W. F., DROGE, A. E., and AUGUST, E.: Reinforcement effects on conclusions reached in group discussion. *Psychological Reports*, 9:27-34, 1961. (Also acknowledges MH-3212).
- HI-6004 (R08) GARMEZY, NORMAN: Life history factors and performance in schizophrenia. University of Minnesota, Minneapolis, Minn. (1961-62)
- ARMEZY, NORMAN: Some determiners and characteristics of learning research in schizophrenia. *American Journal of Orthopsychiatry*, 34:643-651, 1964.
- MH-6005 (R08) GOTTSCHALK, LOUIS A.: Psychosocial factors in precocious pregnancy. University of Cincinnati, Cincinnati, Ohio. (1961-62)
- GOTTSCHALK, L. A.: Psychiatric problems seen in the general practice of medicine. In: Hoffing, Charles, ed. *Textbook of psychiatry for medical practice*. Philadelphia, J. B. Lippincott, 1963, p. 130-181.
- GOTTSCHALK, L. A., GLENER, G. C., and SPRINGER, K. J.: Three hostility scales applicable to verbal samples. *Archives of General Psychiatry*, 9:254-279, 1963.
- GOTTSCHALK, L. A., TITCHENER, J. L., PIKER, H. N., and STEWART, S. S.: Psychosocial factors associated with pregnancy in adolescent girls: A preliminary report. *Journal of Nervous and Mental Disease*, 138(6):524-534, 1964.
- GOTTSCHALK, L. A., and WHITMAN, R. M.: Some typical complications mobilized by the psychoanalytic procedure. *International Journal of Psychoanalysis*, 43:142-150, 1962.
- MH-6007 (R08) ROWLAND, VERNON: Role of brain slow potentials in conditioned animals. Western Reserve University; Cleveland, Ohio. (1961-62)
- ROWLAND, VERNON, and GOLDSTONE, MURRAY: Appetitively conditioned and drive-related bioelectric baseline shift in cat cortex. *Electroencephalography and Clinical Neurophysiology*, 15:474-485, 1963.
- MH-6009 (R08) DYKMAN, ROSCOE A.: A psychophysiological research program. University of Arkansas, Little Rock, Ark. (1961-62)
- DYKMAN, ROSCOE A.: Toward a theory of classical conditioning: Cognitive, emotional, and motor components of the conditional reflex. In: Maher, B., ed. *Progress in experimental personality research*. Vol. 2. New York, Academic Press, 1965, p. 229-317.
- DYKMAN, R. A., ACKERMAN, P. T., GALBRECHT, C. R., and REESE, W. R.: Physiological reactivity to stressors and methods of evaluation. *Psychosomatic Medicine*, 25:37-59, 1963. (Also acknowledges MH-1091).
- DYKMAN, R. A., MACK, R. L., and ACKERMAN, P. T.: The evaluation of autonomic and motor components of the nonavoidance conditioned response in the dog. *Psychophysiology*, 1(3):209-230, 1965. (Also acknowledges MH-1091).
- GALBRECHT, CHARLES R., DYKMAN, ROSCOE A., REESE, WILLIAM G., and SUZUKI, TETSUKO: Intrasession adaptation and intersession extinction of the components of the orienting response. *Journal of Experimental Psychology*, 70(6):585-597, 1965. (Also acknowledges MH-1091).

- MH-6010 (R01) BLOCK, JAMES D.: Psychophysiological studies of autonomic function. Yeshiva University, New York, N.Y. (1961- )
- BLOCK, JAMES D., and BRIDGER, WAGNER H.: The law of initial value in psychophysiology: A reformulation in terms of experimental and theoretical considerations. *Annals of the New York Academy of Sciences*, 98:1229-1241, 1962.
- BLOCK, J. B., and ESSMAN, W. B.: Psychology. Growth hormone administration during pregnancy: A behavioural difference in offspring rats. *Nature*, 205(4976):1136-1137, 1965. (Also acknowledges MH-4907).
- MH-6011 (R08) AMES, ADELBERT, III: Electrolyte metabolism and function in the CNS. Harvard Medical School, Boston, Mass. (1961-62) (Continued as MH-6209).
- AMES, A., III, and GURIAN, B. S.: Electrical recordings from isolated mammalian retina mounted as a membrane. *Archives of Ophthalmology*, 70: 837-841, 1963. (Also acknowledges MH-3769 and MH-6209).
- AMES, A., III, and GURIAN, B. S.: Effect of glucose and oxygen deprivation on function of isolated mammalian retina. *Journal of Neurophysiology*, 26:617-634, 1963. (Also acknowledges MH-6209).
- AMES, A., III, SAKANOUR, M., and ENDO, S.: Na, K, Ca, Mg, and Cl concentrations in choroid plexus fluid and cisternal fluid compared with plasma ultrafiltrate. *Journal of Neurophysiology*, 27:672-681, 1964. (Also acknowledges MH-6209).
- NESBETT, F. B., and AMES, A., III: Increase in sodium contamination from glass as a function of time after cleaning. *Analytical Biochemistry*, 5: 452-456, 1963. (Also acknowledges MH-6209).
- MH-6015 (R08) MIRSKY, ALLAN F.: Central factors in attentive behavior in monkeys. Boston University, Boston, Mass. (1961-62)
- MIRSKY, ALLAN R., and KORNETSKY, CONAN: On the dissimilar effects of drugs on the digit symbol substitution and continuous performance tests. A review and preliminary integration of behavioral and physiological evidence. *Psychopharmacologia*, 5:161-177, 1964.
- MH-6024 (R08) GOLDSTEIN, MENCK: Role of biogenic amines in the CNS. New York University Medical Center, New York, N.Y. (1961-63)
- GOLDSTEIN, M.: Some aspects of the biosynthesis and metabolism of catecholamines. In: Varley, Harold, and Gowenlock, A. H., eds. *The clinical chemistry of monoamines*. Amsterdam, Elsevier, 1963, p. 92-93.
- GOLDSTEIN, M., and CONTRERA, J. F.: The effect of pH on enzymatic formation and inhibition of norepinephrine synthesis. *Experientia*, 18:332-333, 1962.
- GOLDSTEIN, M., and CONTRERA, J. F.: The substrate specificity of phenylamine-B-hydroxylase. *Journal of Biological Chemistry*, 237(6):1898-1902, 1962.
- GOLDSTEIN, M., and CONTRERA, J. F.: The activation and inhibition of phenylamine-B-hydroxylase. *Separatum Experientia*, 18:334-336, 1962.
- GOLDSTEIN, MENCK, and GERBER, HEINZ: Phenolic alcohols in the brain after administration of dopa-C<sup>14</sup> or dopamine-C<sup>14</sup>. *Life Sciences*, 2:97-100, 1963.
- GOLDSTEIN, M., GUT, M., DORFMAN, R. I., SOFFER, L. J., and GABRILONE, J. L.: Biosynthesis of corticoids and androgens in an adenoma from a Cushing's syndrome patient. *Acta Endocrinologica*, 42:187-194, 1963.
- GOLDSTEIN, M., and MUSACCHIO, J. M.: The formation in vivo of N-acetyldopamine and N-acetyl-3-methoxy-dopamine. *Biochimica et Biophysica Acta*, 58:607-608, 1962.
- GOLDSTEIN, M., and MUSACCHIO, J. M.: Effects of monoamine oxidase inhibitions on biogenic amine metabolism. *Annals of the New York Academy of Science*, 107:840-846, 1963.
- GOLDSTEIN, M., and MUSACCHIO, J. M.: Formation of norepinephrine from tyrosine in isolated rabbit heart. *Experientia*, 19(9):491, 1963.
- GOLDSTEIN, M., MUSACCHIO, J. M., KENIN, M. C., CONTRERA, J. F., and RICE, M. D.: The inhibition in vivo of norepinephrine synthesis by adrenalectomy. *Biochemical Pharmacology*, 11:809-811, 1962.
- MUSACCHIO, J. M., and GOLDSTEIN, M.: Biosynthesis of norepinephrine and norepinephrine in the perfused rabbit heart. *Biochemical Pharmacology*, 12:1061-1063, 1963.
- MH-6025 (R01) SPENCE, DONALD P.: Preconscious thought processes. New York University, New York, N.Y. (1961- )
- SPENCE, D. P.: Conscious and preconscious influences on recall: Another example of the restricting effects of awareness. *Journal of Abnormal and Social Psychology*, 68:92-99, 1964.
- MH-6027 (R01) WHITAKER, DOROTHY (STOCK): Studies in therapeutic interaction. University of Chicago, Chicago, Ill. (1961-64)
- STOCK, DOROTHY A.: A survey of research on T groups. In: Bradford, Leland P., Gibb, Jack R., and Benne, Kenneth D., eds. *T-group theory and laboratory method. Innovation in re-education*. New York, John Wiley & Sons, 1964, p. 395-441.



- STOCK, D., and LIEBERMAN, M. A.: Methodological issues in the assessment of total-group phenomena in group therapy. *International Journal of Group Psychotherapy*, 12:312-325, 1962.
- WHITAKER, D. S., and LIEBERMAN, M. A.: Psychotherapy through the group process. New York, Atherton Press, 1964. 293 p. (Also acknowledges MH-1048).
- MH-6034 (R01) WOLFF, PETER H.: Development of affect expressions in small children. Harvard Medical School, Boston, Mass. (1961- )
- WOLFF, PETER H.: Observations on the early development of smiling. In: Foss, B. M., ed. *Determinants of infant behavior*. Vol. 2. (Proceedings of the 2nd Tavistock Seminar on Mother-Infant Interaction held under the auspices of the Ciba Foundation at the House of the Royal Society of Medicine, London, Sept. 1961.) New York, John Wiley & Sons, 1963, p. 113-167.
- WOLFF, PETER H.: The early development of smiling. In: Foss, Brian, ed. *Determinants of infant behavior*. Vol. 2. London, Methuen, April 1963.
- WOLFF, PETER H.: The natural history of a family. In: Foss, Brian, ed. *Determinants of infant behavior*. Vol. 2. London, Methuen, 1963.
- WOLFF, PETER H.: Developmental and motivational concepts in Piaget's sensorimotor theory of intelligence. *Journal of the American Academy of Child Psychiatry*, 2(2):225-243, 1963.
- MH-6038 (R03) MURRAY, HENRY A., and NIELSEN, GERHARD: Particularities of expression under stress. Harvard University, Cambridge, Mass. (1961-61)
- NIELSEN, G.: Studies in self-confrontation. Copenhagen, Munksgaard — Scandinavian University Books, 1963.
- NIELSEN, G. S.: The method of self-confrontation. In: White, R. W., ed. *The study of lives*. New York, Atherton, 1963, p. 124-141.
- MH-6094 (R01) PEABODY, DEAN: Structure of attitudes. Swarthmore College, Swarthmore, Pa. (1961- )
- PEABODY, DEAN: Authoritarianism scales and response bias. *Psychological Bulletin*, 65(1):11-23, 1966.
- MH-6096 (R01) KALISH, HARRY I.: Motivation and conflict in stimulus generalization. State University of New York—Long Island Center, Stony Brook, N.Y. (1961-64) (Continued from MH-1459).
- HABER, A., and KALISH, H. I.: Prediction of discrimination from generalization after variations in schedules of reinforcement. *Science*, 142:412-413, 1963. (Also acknowledges MH-1459).
- KALISH, H. I., and HABER, A.: Generality of stimulus generalization. *Psychological Reports*, 11: 741-746, 1962. (Also acknowledges MH-1459).
- KALISH, H. I., and HABER, A.: Generalization. I. Generalization gradients from single and multiple stimulus points. II. Generalization of inhibition. *Journal of Experimental Psychology*, 65: 176-181, 1963. (Also acknowledges MH-1459).
- MH-6209 (R01) AMES, ADELBERT, III: Electrolytes and function in the CNS. Massachusetts General Hospital, Boston, Mass. (1962- ) (Continued from MH-6011).
- AMES, A., III: Studies on isolated central nervous tissue. *Boletín del Instituto de Estudios Médicos y Biológicos*, 22(2):283-291, 1964.
- AMES, A., III, and GURIAN, B. S.: Electrical recordings from isolated mammalian retina mounted as a membrane. *Archives of Ophthalmology*, 70: 837-841, 1963. (Also acknowledges MH-3769 and MH-6011).
- AMES, A., III, and GURIAN, B. S.: Effect of glucose and oxygen deprivation on function of isolated mammalian retina. *Journal of Neurophysiology*, 26:617-634, 1963. (Also acknowledges MH-6011).
- AMES, A., III, HIGASHI, K., and NESBETT, FRANCES B.: Relation of potassium concentration in choroid-plexus fluid to that in plasma. *Journal of Physiology*, 181:506-515, 1965.
- AMES, A., III, ISON, J. B., and NESBETT, FRANCES B.: Effects of osmotic changes on water and electrolytes in nervous tissue. *Journal of Physiology*, 177:246-262, 1965.
- AMES, A., III, and SAKANOE, M.: A new method for preparing a plasma ultrafiltrate: Distribution of 5 electrolytes. *Journal of Laboratory and Clinical Medicine*, 64(1):168-176, 1964.
- AMES, A., III, SAKANOE, M., and ENDO, S.: Na, K, Ca, Mg, and Cl concentrations in choroid plexus fluid and cisternal fluid compared with plasma ultrafiltrate. *Journal of Neurophysiology*, 27:672-681, 1964. (Also acknowledges MH-6011).
- NESBETT, F. B., and AMES, A., III: Increase in sodium contamination from glass as a function of time after cleaning. *Analytical Biochemistry*, 5: 452-456, 1963. (Also acknowledges MH-6011).
- WEBSTER, HENRY DEF., and AMES, ADELBERT, 3RD: Reversible and irreversible changes in the fine structure of nervous tissue during oxygen and glucose deprivation. *Journal of Cell Biology*, 26 (3):885-909, 1965.

- MH-6324 (R01) BERLYNE, DANIEL E.: Exploratory behavior and arousal. University of Toronto, Toronto, Canada. (1962- ) (Continued from MH-4495).
- BERLYNE, DANIEL E.: Uncertainty and epistemic curiosity. *British Journal of Psychology*, 53:27-34, 1962. (Also acknowledges MH-4495).
- BERLYNE, D. E.: New directions in motivation theory. In: Gladwin, T., and Sturtevant, W. C., eds. *Anthropology and human behavior*. Washington, Anthropological Society of Washington, 1962, p. 150-173. (Also acknowledges MH-4495).
- BERLYNE, D. E.: Comments on relations between Piaget's theory and S-R theory. In: Kessen, W., and Kuhlman, C., eds. *Thought in the young child*. Monographs of the Society for Research in Child Development, 1962, p. 150-173. (Also acknowledges MH-4495).
- BERLYNE, D. E.: Complexity and incongruity variables as determinants of exploratory choice and evaluative ratings. *Canadian Journal of Psychology*, 17:274-290, 1963. (Also acknowledges MH-4495).
- BERLYNE, D. E.: Psychology in the U.S.S.R. *Canadian Psychologist*, 4:1-13, 1963. (Also acknowledges MH-4495).
- BERLYNE, D. E.: Soviet research on intellectual processes in children. In: Wright, J. C., and Kagan, J., eds. *Society for research in child development monographs*. Washington, D.C., National Research Council, 1963, p. 165-183. (Also acknowledges MH-4495).
- BERLYNE, D. E.: Motivational problems raised by exploratory and epistemic behavior. In: Koch, S., ed. *Psychology—a study of a science*. Vol. 5. New York, McGraw-Hill, 1963, p. 284-364. (Also acknowledges MH-4495).
- BERLYNE, D. E.: Emotional aspects of learning. *Annual Review of Psychology*, 15:115-142, 1964. (Also acknowledges MH-4495).
- BERLYNE, D. E., BORSA, DONNA M., CRAW, MARGARET A., GELMAN, ROCHEL S., and MANDELL, ELIZABETH E.: Effects of stimulus complexity and induced arousal on paired-associate learning. *Journal of Verbal Learning and Verbal Behavior*, 4(4):291-299, 1965.
- BERLYNE, D. E., CRAW, M. A., SALAPATEK, P. H., and LEWIS, J. L.: Novelty, complexity, incongruity, extrinsic motivation and the GSR. *Journal of Experimental Psychology*, 66:560-567, 1963. (Also acknowledges MH-4495).
- BERLYNE, D. E., and FROMMER, FRANCES D.: Some determinants of the incidence and content of children's questions. *Child Development*, 37(1):177-189, 1966.
- BERLYNE, D. E., and KOENIG, ISOLDE D. V.: Some possible parameters of photic reinforcement. *Journal of Comparative and Physiological Psychology*, 60(2):276-282, 1965.
- BERLYNE, D. E., and LAWRENCE, G. H.: Effects of complexity and incongruity variables on GSR, investigatory behavior and verbally expressed preference. *Journal of General Psychology*, 71:21-45, 1964. (Also acknowledges MH-4495).
- BERLYNE, D. E., and LEWIS, J. L.: Effects of heightened arousal on human exploratory behavior. *Canadian Journal of Psychology*, 17:398-411, 1963. (Also acknowledges MH-4495).
- BERLYNE, D. E., and McDONNELL, P.: Effects of stimulus complexity and incongruity on duration of EEG desynchronization. *Electroencephalography and Clinical Neurophysiology*, 18(2):156-161, 1965.
- BERLYNE, D. E., and NICKI, R. M.: Effects of the pitch and duration of tones on EEG desynchronization. *Psychonomic Science*, 4(3):101-102, 1966.
- BERLYNE, D. E., SALAPATEK, H., GELMAN, R. S., and ZENER, S. L.: Is light increment really rewarding to the rat? *Journal of Comparative and Physiological Psychology*, 58:148-151, 1964. (Also acknowledges MH-4495).
- MH-6452 (R01) HOOKER, EVELYN, and GENGHERLLI, JOSEPH A.: Psychological studies of male homosexuals. University of California, Los Angeles, Calif. (1962- ) (Continued from MH-839).
- HOOKER, E.: The homosexual community. In: Personality research. Vol. 2. Copenhagen, Munksgaard Press, 1962, p. 40-59. (Also acknowledges MH-839).
- HOOKER, E.: Male homosexuality. In: Farberow, N. L., ed. *Taboo topics*. New York, Atherton Press, 1963, p. 44-45. (Also acknowledges MH-839).
- HOOKER, E.: The adjustment of the male overt homosexual. *Journal of Projective Techniques*, 21:18-31, 1957. Also in: Ruitenbeek, H. M., ed. *The problem of homosexuality in modern society*. New York, E. P. Dutton, 1963, p. 141-161. (Also acknowledges MH-839).
- MH-6572 (R10) HANNA, CALVIN: Tranquilizer withdrawal studies in schizophrenia. University of Arkansas, Little Rock, Ark. (1962-62) (Continued from MH-3006).
- DOWLING, P. C., and HANNA, C.: Depressant effect of biperiden on the spontaneous EEG and the EEG activation response. *Archives Internationales de Pharmacodynamie et de Therapie*, 143:565-573, 1963. (Also acknowledges MH-3006).

- HANNA, C., UPTON, P. D., and CHAMBERS, W. F.: Comparative effects of D-L-amphetamine and L-phenyl-1-(Piperidyl-2-)-1-acetoxy-1-methane (R. P. 8228) in antagonizing barbiturate hypnosis. *Archives Internationales de Pharmacodynamie et de Therapie*, 145:553-564, 1963. (Also acknowledges MH-3006).
- MH-6822 (R01) SCHWARTZ, MORRIS S.: Social science in the mental hospital. Brandeis University, Waltham, Mass. (1962- ) (Continued from MH-3100).
- SCHWARTZ, M. S.: The uses of sociology in the mental hospital. *Social Problems*, 10:219-227, 1963. (Also acknowledges MH-3100).
- MH-6830 (R01) MISCHEL, WALTER: Delay of gratification in choice situations. Stanford University, Stanford, Calif. (1962- ) (Continued from MH-3344).
- BANDURA, ALBERT, and MISCHEL, WALTER: Modification of self-imposed delay of reward through exposure to live and symbolic models. *Journal of Personality and Social Psychology*, 2(5):698-705, 1965. (Also acknowledges MH-5162).
- MTZNER, RALPH: Effects of work-requirements in two types of delay of gratification situations. *Child Development*, 34:809-816, 1963. (Also acknowledges MH-3344).
- MISCHEL, W., and GILLIGAN, C.: Delay of gratification, motivation for the prohibited gratification, and responses to temptation. *Journal of Abnormal and Social Psychology*, 69:411-417, 1964.
- MISCHEL, WALTER, and MTZNER, RALPH: Preference for delayed reward as a function of age, intelligence, and length of delay interval. *Journal of Abnormal and Social Psychology*, 64:425-431, 1962. (Also acknowledges MH-3344).
- MH-6831 (R01) PRYLES, CHARLES V., and BIXBY, EMILY M.: Relation of metabolic disorders to mental deficiency. Wrentham State School, Wrentham, Mass. (1962-63) (Continued from MH-5010).
- BIXBY, EMILY M., PALLATAO, LUZ G., and PRYLES, CHARLES V.: Evaluation of the "bacillus subtilis" inhibition-assay technic as a screening procedure for the detection of phenylketonuria. *New England Journal of Medicine*, 268:647-651, 1963. (Also acknowledges MH-5010).
- BEFRON, MARY L., BIXBY, EMILY M., PALLATAO, LUZ G., and PRYLES, CHARLES V.: Hydroxyprolinemia associated with mental deficiency. *New England Journal of Medicine*, 267:1193-1194, 1962. (Also acknowledges MH-5010).
- O'SULLIVAN, M. A., and PRYLES, C. V.: Reading disability in children. *Journal of Pediatrics*, 60:369-375, 1962. (Also acknowledges MH-5010).
- MH-6875 (R01) ZUCKERMAN, MARVIN: Stress and hallucination in perceptual isolation. Adelphi College, Garden City, N.Y. (1962-63) (Continued from MH-4847).
- ZUCKERMAN, M., and COHEN, N.: Is suggestion the source of reported visual sensations in perceptual isolation? *Journal of Abnormal and Social Psychology*, 68:655-660, 1964. (Also acknowledges MH-4847).
- ZUCKERMAN, MARVIN, and COHEN, NATHAN: Sources of reports of visual and auditory sensations in perceptual isolation experiments. *Psychological Bulletin*, 62:1-20, 1964. (Also acknowledges MH-4847).
- ZUCKERMAN, M., LEVINE, S., and BIASH, D. V.: Stress responses in total and partial perceptual isolation. *Psychosomatic Medicine*, 26:250-260, 1964. (Also acknowledges MH-4847).
- MH-6900 (R01) BROWN, JUDSON S.: Experimental masochism and allied phenomena. University of Oregon Medical School, Portland, Ore. (1962-65) (Continued from MH-4952).
- BROWN, JUDSON S.: Theoretical note. A behavioral analysis of masochism. *Journal of Experimental Research in Personality*, 1(1):65-70, 1965.
- BROWN, JUDSON S.: Generalization and discrimination. In: Mostofsky, David I., ed. *Stimulus generalization*. Stanford, Calif., Stanford University Press, 1965, p. 7-23.
- BROWN, JUDSON S., ANDERSON, D. CHRIS, and WEISS, CAROL G.: Self-punitive behavior under conditions of massed practice. *Journal of Comparative and Physiological Psychology*, 60(3):451-453, 1965.
- BROWN, J. S., and BELLONI, MARIGOLD: Performance as a function of deprivation time following periodic feeding in an isolated environment. *Journal of Comparative and Physiological Psychology*, 56:105-110, 1963. (Also acknowledges MH-4952).
- BROWN, JUDSON S., and HORSFALL, ROBERT B.: Speed-contingent reinforcement. *Psychonomic Science*, 3(7):305-306, 1965.
- BROWN, J. S., MARTIN, R. C., and MORROW, M.: Self-punitive behavior in the rat: Facilitative effects of punishment on resistance to extinction. *Journal of Comparative and Physiological Psychology*, 57:127-133, 1964. (Also acknowledges MH-4952).
- FITZGERALD, ROBERT D., and BROWN, JUDSON S.: Variables affecting avoidance conditioning in free-responding and discrete-trial situations. *Psychological Reports*, 17(3):835-843, 1965.
- MELVIN, K. B., and BROWN, J. S.: Neutralization of an aversive light stimulus as a function of

- number of paired presentations with food. *Journal of Comparative and Physiological Psychology*, 58:350-353, 1964. (Also acknowledges MH-4952).
- WIFF, JOHN LEE: Positive and negative gradients of response strength in a temporal conflict situation. *Journal of Experimental Psychology*, 67: 234-241, 1964. (Also acknowledges MH-2721 and MH-4952).
- MH-6901 (R01) ROBERTS, WARREN W.: Central mechanisms of emotions. University of Minnesota, Minneapolis, Minn. (1962- ) (Continued from MH-3979).
- ROBERTS, W. W.: Fear-like behavior elicited from dorsomedial thalamus of cat. *Journal of Comparative and Physiological Psychology*, 55:191-197, 1962. (Also acknowledges MH-3979).
- ROBERTS, W. W., and CAREY, R. J.: Effect of dorsomedial thalamic lesions on fear in cats. *Journal of Comparative and Physiological Psychology*, 56: 950-958, 1963. (Also acknowledges MH-3979).
- ROBERTS, W. W., DEMBER, W. N., and BRODWICK, M.: Alternation and exploration in rats with hippocampal lesions. *Journal of Comparative and Physiological Psychology*, 55:695-700, 1962. (Also acknowledges MH-3979).
- MH-6911 (R01) CUMMING, WILLIAM W.: Parametric study of temporally spaced responding. Columbia University, New York, N.Y. (1963-64) (Continued from MH-4509).
- MALOTT, RICHARD W., and CUMMING, WILLIAM W.: Schedules of inter-response time reinforcement. *Psychological Record*, 14:211-252, 1964. (Also acknowledges MH-4509).
- MALOTT, R. W., and CUMMING, W. W.: A note on psychogenic polydipsia. *Psychonomic Science*, 2(9):241, 1965.
- MALOTT, R. W., and CUMMING, W. W.: Inter-response time reinforcement: Transition and steady states. *Psychonomic Science*, 2(9):257-258, 1965.
- MALOTT, R. W., and CUMMING, W. W.: A note on multiple schedules of IRT reinforcement. *Psychonomic Science*, 2(9):259-260, 1965.
- MH-6921 (R01) KANFER, FREDERICK H.: Verbal behavior determinants. University of Oregon Medical School, Portland, Ore. (1962- ) (Continued from MH-963; MH-2027).
- KANFER, F. H., and MARSTON, A. R.: Characteristics of interactional behavior in a psychotherapy analogue. *Journal of Consulting Psychology*, 28: 456-467, 1964. (Also acknowledges MH-6922).
- KANFER, FREDERICK H.: Structure of psychotherapy: Role playing as a variable in dyadic communication. *Journal of Consulting Psychology*, 29(4): 325-332, 1965.
- KANFER, FREDERICK H., and GOLDFOOT, DAVID A.: Self-control and tolerance of noxious stimulation. *Psychological Reports*, 18(1):79-85, 1966.
- KANFER, F. H., and MARSTON, A. R.: Determinants of self-reinforcement in human learning. *Journal of Experimental Psychology*, 66:245-254, 1963.
- KANFER, F. H., and MARSTON, A. R.: Conditioning of self-reinforcing responses: An analogue to self-confidence training. *Psychological Reports*, 13: 63-70, 1963.
- KANFER, F. H., and POMERANZ, D. M.: Conditioning and transfer of therapist operations. *Psychological Reports*, 16:593-602, 1965.
- KANFER, FREDERICK H., and SASLOW, GEORGE: Behavioral analysis. *General Psychiatry*, 12(6): 529-538, 1965.
- MCBREARTY, J. F., KANFER, F. H., MARSTON, A. R., and EVANDER, DEANNE: Focal and contextual stimulus variables in verbal conditioning. *Psychological Reports*, 13:115-124, 1963.
- MH-6922 (R01) KANFER, FREDERICK H.: Studies of verbal interaction. University of Oregon Medical School, Portland, Ore. (1962- ) (Continued from MH-3700).
- KANFER, FREDERICK H.: Control of communication in dyads by reinforcement. *Psychological Reports*, 15:131-138, 1964. (Also acknowledges MH-3700).
- KANFER, FREDERICK H.: Vicarious human reinforcements: A glimpse into the black box. In: Krasner, Leonard, ed. *Research in behavior modification*. New York, Holt, Rinehart & Winston, 1965, p. 244-267.
- KANFER, F. H.: Issues and ethics in behavior manipulation. *Psychological Reports*, 16:187-196, 1965.
- KANFER, F. H., BASS, B. M., and GUYETT, I.: Dyadic speech patterns, personality and social reinforcement. *Journal of Consulting Psychology*, 27:199-205, 1963. (Also acknowledges MH-3700).
- KANFER, F. H., and MCBREARTY, J. F.: Minimal social reinforcement and interview content. *Journal of Clinical Psychology*, 18:210-215, 1962. (Also acknowledges MH-3700).
- KANFER, F. H., and MARSTON, A. R.: The effect of task-relevant information on verbal conditioning. *Journal of Psychology*, 53:29-36, 1962. (Also acknowledges MH-3700).
- KANFER, F. H., and MARSTON, A. R.: Control of verbal behavior by multiple schedules. *Psychological Reports*, 10:703-710, 1962. (Also acknowledges MH-3700).

- KANFER, F. H., and MARSTON, A. R.: Human reinforcement: Vicarious and direct. *Journal of Experimental Psychology*, 65:292-296, 1963. (Also acknowledges MH-3700).
- KANFER, F. H., and MARSTON, A. R.: Characteristics of interactional behavior in a psychotherapy analogue. *Journal of Consulting Psychology*, 28: 456-467, 1964. (Also acknowledges MH-6921).
- MARSTON, A. R., and KANFER, F. H.: Group size and number of vicarious reinforcements in verbal learning. *Journal of Experimental Psychology*, 65:593-596, 1963. (Also acknowledges MH-3700).
- MARSTON, A. R., KANFER, F. H., and MCBREARTY, J. F.: Stimulus discriminability in verbal conditioning. *Journal of Psychology*, 53:143-153, 1962. (Also acknowledges MH-3700).
- MH-6953 (R01) CARPENTER, JOHN A., and FLYNN, JOHN P.: Logical induction and alcohol effects. The State University of Rutgers, New Brunswick, N.J. (1962-63) (Continued from MH-4207).
- CARPENTER, JOHN A., and ROSS, BRUCE M.: Effect of alcohol on short-term memory. *Quarterly Journal of Studies on Alcohol*, 26(4):561-579, 1965. (Also acknowledges MH-5655).
- MH-7024 (R01) COLLIER, GEORGE H.: The determinants of amount of reinforcement. Rutgers—The State University, New Brunswick, N.J. (1962-64) (Continued from MH-3328).
- COLLIER, GEORGE: Some properties of saccharin as a reinforcer. *Journal of Experimental Psychology*, 64:184-191, 1962. (Also acknowledges MH-3328).
- COLLIER, GEORGE: Consummatory and instrumental responding as functions of deprivation. *Journal of Experimental Psychology*, 64:410-414, 1962. (Also acknowledges MH-3328).
- KNARR, FREDERICK A., and COLLIER, GEORGE: Taste and consummatory activity in amount and gradient of reinforcement functions. *Journal of Experimental Psychology*, 63:579-588, 1962. (Also acknowledges MH-3328).
- MH-7042 (R01) WIGGINS, JERRY S.: Structure of the MMPI. University of Illinois, Urbana, Ill. (1962-64) (Continued from MH-5395).
- SKRZYPEK, GEORGE J., and WIGGINS, JERRY S.: Contrasted groups versus repeated measurement designs in the evaluation of social desirability scales. *Educational and Psychological Measurement*, 26(1):131-138, 1966.
- WIGGINS, J. S.: Social desirability under role-playing instructions: A reply to Walker. *Journal of Consulting Psychology*, 27:107-111, 1963. (Also acknowledges MH-5395).
- WIGGINS, J. S.: Convergences among stylistic response measures from objective personality tests. *Educational and Psychological Measurement*, 24: 551-562, 1964. (Also acknowledges MH-5395).
- WIGGINS, J. S.: An MMPI item characteristic deck. *Educational and Psychological Measurement*, 24: 137-141, 1964. (Also acknowledges MH-5395).
- WIGGINS, JERRY S.: Social desirability estimation and "faking good" well. *Educational and Psychological Measurements*, 26(2):329-341, 1966.
- WIGGINS, JERRY S., and GOLDBERG, LEWIS R.: Interrelationships among MMPI item characteristics. *Educational and Psychological Measurement*, 25 (2):381-397, 1965.
- WIGGINS, JERRY S., and LOVELL, VICTOR R.: Communality and favorability as sources of method variance in the MMPI. *Educational and Psychological Measurement*, 25(2):399-412, 1965.
- MH-7071 (R10) HEUSLER, ANTON P., and ULETT, GEORGE A.: Effects of tranquilizers on group behavior. St. Louis State Hospital, St. Louis, Mo. (1962-63) (Continued from MH-3826).
- ULETT, G. A., BOWERS, C. A., HEUSLER, A. F., QUICK, R., WORD, T., and WORD, V.: A study of the behavior and EEG patterns of patients receiving tranquilizers with and without the addition of chlordiazepoxide. *Journal of Neuropsychiatry*, 5(8):558-565, 1964.
- MH-7083 (R01) FRENCH, ELIZABETH, G., and LESSER, GERALD S.: Characteristics of the achievement motive in women. Northwestern University, Evanston, Ill. (1962- ) (Continued from MH-3607).
- LESSER, G., KRAWITZ, R., and PACKARD, RITA: Experimental arousal of achievement motivation in adolescent girls. *Journal of Abnormal and Social Psychology*, 66:59-66, 1963. (Also acknowledges MH-3607).
- MH-7158 (R01) SHORT, JAMES F., JR.: Street corner groups and patterns of delinquency. Washington State University, Pullman, Wash. (Continued from MH-3301).
- GORDON, ROBERT A., SHORT, JAMES F., JR., CARTWRIGHT, DESMOND S. and STRODTBECK, FRED L.: Values and gang delinquency: A study of street corner groups. *American Journal of Sociology*, 69:109-128, 1963. (Also acknowledges MH-3301).
- SHORT, JAMES F., JR.: Street corner groups and patterns of delinquency: A progress report. *American Catholic Sociological Review*, 24:13-32, 1963. (Also acknowledges MH-3301).
- SHORT, JAMES F., JR.: Introduction to "The Gang" by Frederic M. Thrasher, Chicago, University of

Chicago Press, abridged edition, 1963. (Also acknowledges MH-3301).

SHORT, J. F., JR., and RIVERA, R.: Perceived opportunities, gang membership, and delinquency. *American Sociological Review*, 30:56-67, 1965. (Also acknowledges MH-3301).

SHORT, JAMES F., and STRODTBECK, FRED L.: The response of gang leaders to status threats: An observation on group process and delinquent behavior. *American Journal of Sociology*, 68:571-579, 1963. (Also acknowledges MH-3301).

SHORT, JAMES F., STRODTBECK, FRED L., and CARTWRIGHT, DESMOND S.: A strategy for utilizing research dilemmas: A case from the study of parenthood in a street corner gang. *Sociological Inquiry*, 32:185-202, 1962. (Also acknowledges MH-3301).

SHORT, JAMES F., JR., TENNYSON, RAY A., and HOWARD, KENNETH I.: Behavior dimensions of gang delinquency. *American Sociological Review*, 28:412-418, 1963. (Also acknowledges MH-3301).

STRODTBECK, FRED L., SHORT, JAMES F., JR., and KOLEGAR, ELLEN: The analysis of self-descriptions by members of delinquent gangs. *Sociological Quarterly*, 3:331-356, 1962. (Also acknowledges MH-3301).

MH-7237 (R01) JENSEN, GLEN D.: Comparative study of operant conditioning. De Paul University, Chicago, Ill. (1962-63) (Continued from MH-4494).

JENSEN, GLEN D.: Preference for bar-pressing over "freeloading" as a function of number of rewarded presses. *Journal of Experimental Psychology*, 65:451-454, 1963. (Also acknowledges MH-2834 and MH-4494).

MH-7279 (R01) HUNT, HOWARD F.: Basic mechanisms of drug action on animal behavior. New York State Psychiatric Institute, New York, N.Y. (1962- ) (Continued from MH-3361).

GINSBURG, B. E.: Causal mechanisms in audiogenic seizures. *Psychophysiologie Neuropharmacologie et Biochimie de la Crise Audiogene, Colloques Internationaux du Centre National de la Recherche Scientifique*, 112:227-240, 1963. (Also acknowledges MH-1918 and MH-3361).

GINSBURG, B. E.: Genetics and personality. In: Wepman, J., and Heine, R., eds. *Concepts of personality*. Chicago, Aldine Press, 1963, p. 63-78. (Also acknowledges MH-1918 and MH-3361).

HARVEY, J. A., HELLER, A., and MOORE, R. Y.: The effect of unilateral and bilateral medial fore-brain bundle lesions on brain serotonin. *Journal*

*of Pharmacology and Experimental Therapeutics*, 140:103-110, 1963. (Also acknowledges MH-1918 and MH-3361).

HELLER, A., HARVEY, J. A., and MOORE, R. Y.: A demonstration of a fall in brain serotonin following central nervous system lesions in the rat. *Biochemical Pharmacology*, 11:859-866, 1962. (Also acknowledges MH-1918 and MH-3361).

HUTCHINGS, DONALD E.: Early handling in rats: The effects of body-temperature reduction and stimulation on adult emotionality. In: *Proceedings of 1965 Meeting, American Psychological Association*, p. 183-184.

MOORE, R. Y.: Effects of some rhinencephalic lesions on retention of conditioned avoidance behavior in cats. *Journal of Comparative and Physiological Psychology*, 57:65-71, 1964. (Also acknowledges MH-1918 and MH-3361).

MH-7280 (R01) KELMANS, HERBERT C.: Social influence and behavior change. University of Michigan, Ann Arbor, Mich. (1962- ) (Continued from MH-2516).

BAILYN, LOTTE, and KELMAN, H. C.: The effects of a year's experience in America on the self-image of Scandinavians. *Journal of Social Issues*, 18(1):30-40, 1962. (Also acknowledges MH-2516).

KELMAN, H. C.: The induction of action and attitude change. In: Coopersmith, S., ed. *Personality research*. Copenhagen, Munksgaard, 1962, p. 81-110. (Also acknowledges MH-2516).

KELMAN, H. C.: The role of the group in the induction of therapeutic change. *International Journal of Group Psychotherapy*, 13(4):399-432, 1963. (Also acknowledges MH-2516).

KELMAN, H. C.: Processes of opinion change. *Public Opinion Quarterly*, 25:57-78, 1961. Also in: Hollander, E. P., and Hunt, R. G., eds. *Current perspectives in social psychology*. Three processes of social influence. New York, Oxford University, 1963, p. 454-462. (Also acknowledges MH-2516).

KELMAN, HERBERT C.: Manipulation of human behavior: An ethical dilemma for the social scientist. *Journal of Social Issues*, 21(2):31-46, 1965.

KELMAN, H. C., and BAILYN, LOTTE: Effects of cross-cultural experience on national images: A study of Scandinavian students in America. *Journal of Conflict Resolution*, 6(4):319-334, 1962. (Also acknowledges MH-2516).

KELMAN, H. C., and BARCLAY, JANET: The F Scale as a measure of breadth of perspective. *Journal of Abnormal and Social Psychology*, 67(6):608-615, 1963. (Also acknowledges MH-2561).

- KELMAN, H. C., and EAGLY, A. H.: Attitude toward the communicator, perception of communication content, and attitude change. *Journal of Personality and Social Psychology*, 1(1):63-78, 1965.
- MH-7293 (R01) YUWILER, ARTHUR, and BRILL, NORMAN Q.: Biochemical tests for schizophrenia. University of California Medical Center, Los Angeles, Calif. (1962-64) (Continued from MH-4567).
- YUWILER, ARTHUR: Psychopathology and 5-hydroxy-indoleacetic acid excretion. *Journal of Psychiatric Research*, 3(2):125-131, 1965. (Also acknowledges MH-1972 and MH-4567).
- MH-7305 (R01) HERSHKOWITZ, AARON: Intensive observations of chronic N P patients. Yeshiva University, New York, N.Y. (1962-64) (Continued from M-4625).
- HERSHKOWITZ, A.: Naturalistic observations on chronically hospitalized patients: The effects of "strangers." *Journal of Nervous and Mental Diseases*, 135:258-264, 1962. (Also acknowledges MH-4625).
- MH-7306 (R01) CHAPMAN, LOREN J.: Experimental study of schizophrenic thinking. Southern Illinois University, Carbondale, Ill. (1963-64) (Continued from MH-1416; MH-3481).
- CHAPMAN, L. J.: The problem of selecting drug-free schizophrenics for research. *Journal of Consulting Psychology*, 27:540-542, 1963. (Also acknowledges MH-3481 and MH-1416).
- CHAPMAN, L. J., and BAXTER, J.: The process-reactive distinction and patients' subculture. *Journal of Nervous and Mental Disease*, 136:352-359, 1963. (Also acknowledges MH-3481 and MH-1416).
- CHAPMAN, LOREN J., CHAPMAN, JEAN P., and MILLER, GLENN A.: A theory of verbal behavior in schizophrenia. In: Maher, Brendan, ed. *Progress in experimental personality research*. Vol. 1. New York, Academic Press, 1964. (Also acknowledges MH-3481).
- CHAPMAN, L. J., and KNOWLES, R. R.: The effects of phenothiazine on disordered thought in schizophrenia. *Journal of Consulting Psychology*, 28(2):165-169, 1964. (Also acknowledges MH-4674 and MH-3481).
- MH-7431 (R01) GROSS, SONJA K.: Biogenesis of the alkaloids. Boston University, Boston, Mass. (1962-63) (Continued from MH-3617).
- GROSS, SONJA, and DAWSON, R. F.: The biochemical transformation of the morphothebaine to the morphine ring system. *Biochemistry*, 2:186, 1963. (Also acknowledges MH-3617).
- MH-7432 (R01) FINK, MAX: Behavior changes with induced altered brain function. St. Louis State Hospital, St. Louis, Mo. (1963-64) (Continued from MH-2715).
- BELMONT, I., POLLACK, M., WILLNER, A., KLEIN, DONALD, and FINK, MAX: Effects of imipramine and chlorpromazine on perceptual analytic ability, perceptual responsiveness and memory as revealed in Rorschach responses. *Journal of Nervous and Mental Disease*, 137:42-50, 1963. (Also acknowledges MH-2715).
- FINK, MAX: Quantitative electroencephalography in human psychopharmacology. II. Drug patterns. In: Glaser, G., ed. *EEG correlates of behavior*. New York, Basic Books, 1963, p. 177-197. (Also acknowledges MH-2715 and MH-5338).
- FINK, M., KLEIN, D. F., and KRAMER, J. C.: Clinical efficacy of chlorpromazine-procylidine combination, imipramine and placebo in depressive disorders. *Psychopharmacologia*, 7(1):27-36, 1963. (Also acknowledges MH-4798 and MH-2715).
- KARP, ERIC, and POLLACK, MAX: Comparative studies of chlorpromazine and imipramine, III. Critical flicker fusion thresholds in psychiatric patients. *Psychopharmacologia*, 4:452-458, 1963. (Also acknowledges MH-2715).
- MH-7477 (R01) SALZINGER, KURT, and ZUBIN, JOSEPH: Verbal behavior and conditioning in schizophrenia. New York State Psychiatric Institute, New York, N.Y. (1962- ) (Continued from MH-4842).
- PORTNOY, MAURICE, and SALZINGER, KURT: Perception as a function of association value with response bias controlled. *Journal of Experimental Psychology*, 68(3):316-320, 1964.
- SALZINGER, K., and PORTNOY, STEPHANIE: Verbal conditioning in interviews: Application to chronic schizophrenics and relationship to prognosis for acute schizophrenics. *Journal of Psychiatric Research*, 2:1-9, 1964. (Also acknowledges MH-1541 and MH-586).
- SALZINGER, K., PORTNOY, STEPHANIE, ZLOTOGURA, PHYLLIS, and KEISNER, R.: The effect of reinforcement on continuous speech and on plural nouns in grammatical context. *Journal of Verbal Learning and Verbal Behavior*, 1:477-485, 1963. (Also acknowledges MH-4842).
- MH-7478 (R01) SUTTON, SAMUEL, HAKEREM, GAD, and ZUBIN, JOSEPH: Effect of drugs on the pupillary reflex. New York State Psychiatric Institute, New York, N.Y. (1962- ) (Continued from MH-5051).
- HAKEREM, GAD: Instrumentation for research in pupillography. *Psychopharmacology Service Center Bulletin*, 2:11, 1962. (Also acknowledges MH-5051).

- MH-7541 (R01) MANNKING, GILBERT J.: Antagonism of narcotic effects and N-demethylation. University of Minnesota, Minneapolis, Minn. (1963-64) (Continued from MH-3689).
- RUBIN, A., CHERNOV, H. I., MILLER, J. W., and MANNING, G. J.: Antagonism of morphine-induced respiratory depression and analgesia and inhibition of narcotic N-demethylation *in vitro* by N-substituted analogues of L-3-hydroxymorphinan and by N-allyl-normorphine. *Journal of Pharmacology and Experimental Therapeutics*, 144:346-353, 1964. (Also acknowledges MH-3689).
- RUBIN, ALAN, TEPHLY, THOMAS R., and MANNING, GILBERT J.: Kinetics of drug metabolism by hepatic microsomes. *Biochemical Pharmacology*, 13:1007-1016, 1964. (Also acknowledges MH-3689).
- RUBIN, ALAN, TEPHLY, THOMAS R., and MANNING, GILBERT J.: Inhibition of hexobarbital metabolism by ethylmorphine and codeine in the intact rat. *Biochemical Pharmacology*, 13:1053-1057, 1964. (Also acknowledges MH-3689).
- MH-7842 (R01) MORIN, RICHARD D., and BENNINGTON, FREDERICK: Functional groups and psychotomimetic activity. University of Alabama, Birmingham, Ala. (1963- ) (Continued from MH-1588).
- BENNINGTON, F., MORIN, R. D., and CLARK, L. C., JR.: Pharmacological activity of phenylisopropylhydroxylamine and its o-methyl ether. *Nature*, 202(4934):813, 1964.
- BENNINGTON, F., MORIN, R. D., and CLARK, L. C., JR.: 5-methoxy-N, N-dimethyltryptamine, a possible endogenous psychotoxin. *Alabama Journal of Medical Sciences*, 2(4):397-403, 1965.
- BENNINGTON, F., MORIN, R. D., and CLARK, L. C., JR.: Behavioral and neuropharmacological actions of N-aralkylhydroxylamines and their O-methyl ethers. *Journal of Medicinal Chemistry*, 8(1):100-104, 1965.
- CLARK, L. C., JR., BENNINGTON, F., and MORIN, R. D.: The enzymatic oxidative deamination and effect on cat behavior of mescaline and structurally-related beta-phenethylamines. *Alabama Journal of Medical Sciences*, 1(4):417-429, 1964.
- CLARK, LELAND C., JR., BENNINGTON, FREDERICK, and MORIN, RICHARD D.: The effects of ring-methoxyl groups on biological deamination of phenethylamines. *Journal of Medicinal Chemistry*, 8:353-355, 1965.
- MH-7870 (R01) PASAMANICK, BENJAMIN, and RETTIG, SALOMON: Electronic computer programming in psychiatric research. Ohio State University, Columbus, Ohio. (1963- ) (Continued from MH-5042).
- RETTIG, SALOMON: Multiple discriminant analysis: An illustration. *American Sociological Review*, 29:398-402, 1964. (Also acknowledges MH-5042).
- RETTIG, SALOMON: Invariance of factor structure of ethical judgments by Indian and American college students. *Sociometry*, 27:96-113, 1964. (Also acknowledges MH-5042).
- RETTIG, SALOMON, and RAWSON, HARVE E.: The risk hypothesis in predictive judgments of unethical behavior. *Journal of Abnormal and Social Psychology*, 66:243-248, 1963. (Also acknowledges MH-5042).
- RETTIG, S., RAWSON, H. E., KNOBLOCH, H., and PASAMANICK, B.: A multi-dimensional computer analysis of some complications of pregnancy and their neuropsychiatric sequelae. In: Fourth IBM Medical Symposium. New York, Endicott, 1963, p. 123-132. (Also acknowledges MH-5042).
- MH-7874 (R01) PASAMANICK, BENJAMIN, and MCPHEETERS, HAROLD: Home versus hospital care for schizophrenics. Ohio State University, Columbus, Ohio. (1963- ) (Continued from MH-2535).
- DINITZ, S., SCARPITT, F. R., ALBINI, J. L., LEFTON, M., and PASAMANICK, B.: An experimental study in the prevention of hospitalization of schizophrenics. *American Journal of Orthopsychiatry*, 35:1-9, 1965.
- PASAMANICK, BENJAMIN, SCARPITTI, F., LEFTON, MARK, DINITZ, SIMON, WERNERT, J. J., and MCPHEETERS, H.: Home vs. hospital care for schizophrenics. *Journal of the American Medical Association*, 187:177-181, 1964. (Also acknowledges MH-2535).
- SCARPITTI, F., LEFTON, MARK, DINITZ, SIMON, and PASAMANICK, BENJAMIN: Problems in a home care study for schizophrenics. *Archives of General Psychiatry*, 10:143-154, 1964. (Also acknowledges MH-2535).
- MH-7927 (R01) ROTHENBUHLER, WALTER C.: Genetic bases of behavior differences. Ohio State University, Columbus, Ohio. (1963-63) (Continued from MH-3882).
- JONES, R. L., and ROTHENBUHLER, W. C.: Behaviour genetics of nest cleaning in honey bees. II. Responses of two inbred lines to various amounts of cyanide-killed brood. *Animal Behaviour*, 12:584-588, 1964. (Also acknowledges MH-3882).
- ROTHENBUHLER, W. C.: Behaviour genetics of nest cleaning in honey bees. 1. Responses of four inbred lines to disease-killed brood. *Animal Behaviour*, 12:578-583, 1964. (Also acknowledges MH-3882).



- MH-8291 (R01) VOSS, JAMES F.: Probabilistic verbal learning. University of Pittsburgh, Pittsburgh, Pa. (1963-64) (Continued from MH-3531).
- BRDLEY, M., WATTS, B., and VOSS, J. F.: Effect of probability of competing responses in probabilistic verbal acquisition. *Journal of Experimental Psychology*, 68(4):323-329, 1964. (Also acknowledges MH-3531).
- MORNING, N., and VOSS, J. F.: Mediation of  $R_1$ - $R_2$  in the acquisition of S- $R_1$ , S- $R_2$  associations. *Journal of Experimental Psychology*, 67:67-71, 1964. (Also acknowledges MH-3531).
- VOSS, J. F.: Effect of pairing directionality and anticipatory cue in paired-associate learning. *Journal of Experimental Psychology*, 69(5):490-495, 1965.
- ZIMMERMAN, H., and VOSS, J. F.: The effect of marginal and conditional probabilities on one association upon concomitant acquisition of a second association. *Journal of Verbal Learning and Verbal Behavior*, 1:463-469, 1963. (Also acknowledges MH-3531).
- MH-9020 (R12) MCQUITTY, LOUIS L.: Mental health screening techniques. University of Illinois, Urbana, Ill. (1950-54)
- MCQUITTY, L. L.: A statistical method for studying personality integration. In: Mowrer, O. H., ed. *Psychotherapy, theory and research*. New York, Ronald Press, 1953, p. 414-462.
- MCQUITTY, L. L.: Pattern analysis illustrated in classifying patients and normals. *Educational and Psychological Measurement*, 14:598-604, 1954.
- MCQUITTY, L. L.: Theories and methods in some objective assessments of psychological well-being. *Psychological Monographs*, 68:1-28, 1954.
- MCQUITTY, L. L. A pattern and analytic method derived from a theory of individual differences in psychological well-being. In: Sells, S. B., Chairman. *Symposium on pattern analysis*. Randolph Field, Texas, Air University, USAF School of Aviation Medicine, 1955, p. 29-46.
- MCQUITTY, L. L.: Agreement analysis: Classifying persons by predominant patterns of response. *British Journal of Statistical Psychology*, 9:5-16, 1956.
- MH-9027 (R12) LUSZKI, MARGARET B.: Work conference in mental health research. National Training Laboratory in Group Development, Washington, D.C. (1951-57)
- LUSZKI, MARGARET BARRON: Some social problems of social research. *American Sociological Review*, 22(3):333-335, 1957.
- LUSZKI, MARGARET BARRON: Team research in social sciences: Major consequences of a growing trend. *Human Organization*, 16(1):21-24, 1957. Also in: Adams, Richard N., and Preiss, Jack J., eds. *Human organization research: Field relations and techniques*. Homewood, Ill., Dorsey Press, 1960, p. 19-27.
- LUSZKI, MARGARET BARRON: Interdisciplinary team research: Methods and problems. New York, New York University Press for National Training Laboratories, 1958, 355 p.
- LUSZKI, MARGARET BARRON: The challenge of the interdisciplinary team approach in research. In: Jeffers, Frances C., ed. *Proceedings of Seminars, 1958-1959 Duke University Council on Gerontology*. North Carolina, Duke University Regional Center for the Study of Aging, 1959, p. 11-26.
- MH-9029 (R12) BACON, SELDON D.: Problems of alcoholism. Yale University, New Haven, Conn. (1951-52)
- BACON, SELDON D., ed.: Alcoholism, 1941-1951: A survey of activities in research, education and therapy. *Quarterly Journal of Studies on Alcohol*, 13:421-511, 1952.
- MH-9030 (R12) SHAW, CLIFFORD R.: Epidemiology of juvenile addiction in Chicago. Chicago Area Project, Chicago, Ill. (1951-53)
- FINESTONE, HAROLD: Narcotics and criminality. *Law and Contemporary Problems*, 22:60-85, Winter 1957.
- FINESTONE, HAROLD: Cats, kicks, and color. *Social Problems*, 5:3-13, 1957.
- FINESTONE, HAROLD: Epidemiology of adult addiction. Proceedings, White House Conference on Narcotic and Drug Abuse, September 27 and 28, 1962, Washington, D.C., p. 142-145.
- MH-9033 (R12) GLOCK, CHARLES Y.: Exploratory survey and conference on drug addiction. Columbia University, New York, N.Y. (1951-51)
- BIGMAN, STANLEY K.: Drug use among adolescents. A framework for social research. New York, Columbia University, 1951, 71 p. (Processed).
- MH-9034 (R12) MEAD, MARGARET: European mental health summer school 1952. Society for Applied Anthropology, New York, N.Y. (1951-54)
- JACKSON, EDITH B., KLATSKIN, ETHELYN H., and WILKIN, LOUISE C.: Early child development in relation to degree of flexibility of maternal attitude. *Psychoanalytic Study of the Child*, 7:393-428, 1952. (Also acknowledges MH-105).

- MEAD, MARGARET: Sharing child development insights around the globe. *Understanding the Child*, 21:98-103, 1952.
- MEAD, MARGARET: Technological change and child development. *Understanding the Child*, 21:109-112, 1952.
- SODDY, KENNETH, ed.: Mental health and infant development. (Proceedings of the International Seminar held by World Federation for Mental Health at Chechester, England). Vol. 1—308 p. Vol. 2—289 p. New York, Basic Books, 1956.
- MH-9037 (R12) BIGMAN, STANLEY K., and GLOCK, CHARLES: Bibliographical analysis of drug use literature. Columbia University, New York, N.Y. (1951-52)
- MEYER, ALAN S.: Social and psychological factors in opiate addiction: A review of research findings together with an annotated bibliography. New York, Columbia University Bureau of Applied Social Research, 1952. (Processed).
- MH-9038 (R12) HILL, REUBEN: Family and personal adjustment in an urban community. University of North Carolina, Chapel Hill, N.C. (1951-53)
- HILL, REUBEN: The Eddyville story: Personal and family adjustments to rapid urbanization of a southern town. In: *Recherche sur la famille*. Vol. 3. Goettingen, Vandenhoeck and Ruprecht, 1958, p. 93-145.
- HILL, REUBEN, MOSS, J. JOEL, and WIRTHS, CLAUDE G.: Eddyville's families: A study of personal and family adjustments subsequent to the rapid urbanization of a southern town. Chapel Hill, N.C., Institute for Research in Social Science, 1953. (Processed).
- MH-9048 (R12) CHEIN, ISIDORE: Factors affecting drug addiction among minors. New York University, New York, N.Y. (1952-58)
- CHEIN, ISIDORE: Narcotics use among juveniles. *Social Work*, 1:50-60, 1956.
- CHEIN, ISIDORE: Perspectives on narcotics use by teen-aged boys. Lectures to the laity. New York Academy of Medicine, January 20, 1960. Also in: Golden Anniversary White House Conference on Children and Youth, 1960, p. 250-257.
- CHEIN, ISIDORE, GERARD, DONALD L., LEE, ROBERT S., and ROSENFELD, EVA: The road to H: Narcotics, delinquency, and social policy. New York, Basic Books, 1964, 482 p.
- CHEIN, ISIDORE, and ROSENFELD, EVA: Juvenile heroin use. *Law and Contemporary Problems*, 22:52-68, 1957.
- ROSENFELD, EVA: A research-based proposal for a community program of delinquency prevention. *Annals of the American Academy of Political and Social Science*, 322:136-145, 1959.
- WILNER, D. M., ROSENFELD, EVA, LEE, R. S., GERARD, D. L., and CHEIN, I.: Heroin use and street gangs. *Journal of Criminal Law, Criminology and Police Science*, 48:399-409, 1957.
- MH-9053 (R12) STAR, SHIRLEY A.: Popular thinking in the field of mental health. National Opinion Research Center, Chicago, Ill. (1953-54)
- BENNEY, MARK, RIESMAN, DAVID, and STAR, SHIRLEY A.: Age and sex in the interview. *American Journal of Sociology*, 62(2):143-152, 1956.
- STAR, SHIRLEY A.: Public attitudes—A measure of the difficulties. In: *American Psychiatric Association, ed. Psychiatry, the press and the public: Problems in communication*. Washington, D.C., American Psychiatric Association, 1956, p. 1-5.
- STAR, SHIRLEY A.: Nervous breakdown. In: *Encyclopedia of mental health*. Vol. 4. New York, Franklin Watts, 1963, p. 1306-1311.
- MH-9059 (R12) SIMMONS, OZZIE, and PAUL, BENJAMIN D.: Community aspects of psychiatric rehabilitation. Harvard University, Boston, Mass. (1953-57)
- DAVIS, JAMES A., FREEMAN, HOWARD E., and SIMMONS, OZZIE G.: Rehospitalization and performance level among former mental patients. *Social Problems*, 5:37-44, 1957.
- FREEMAN, HOWARD E., and SIMMONS, OZZIE G.: Wives, mothers, and the post-hospital performance of mental patients. *Social Forces*, 37:153-159, December, 1958.
- NABOISEK, H., SIMMONS, O. G., MATHEWS, D. M., and CATH, S. H.: Hospital image and post-hospital experience. In: Greenblatt, M., Levinson, D. J., and Williams, R. H., eds. *The patient and the mental hospital*. Glencoe, Ill., Free Press, 1957, p. 565-576.
- SIMMONS, OZZIE G., and DAVIS, JAMES A.: Interdisciplinary collaboration in mental illness research. *American Journal of Sociology*, 63:297-303, 1957.
- SIMMONS, OZZIE G., DAVIS, JAMES A., and SPENCER, KATHERINE: Interpersonal strains in release from a mental hospital. *Social Problems*, 4:21-28, 1956.
- MH-9064 (R12) MCGINNIES, ELLIOTT M.: Effects of mental health films on community groups. University of Maryland, College Park, Md. (1953-57)

- ALTMAN, I., and MCGINNIES, ELLIOTT: Interpersonal perception and communication in discussion groups of varied attitudinal composition. *Journal of Abnormal and Social Psychology*, 60:390-395, 1960.
- LANA, R., VAUGHAN, W., and MCGINNIES, E.: Leadership and friendship status as factors in discussion group interaction. *Journal of Social Psychology*, 52:127-134, 1960.
- MCGINNIES, ELLIOTT: A method for matching anonymous questionnaire data with group discussion material. *Journal of Abnormal and Social Psychology*, 52:139-140, 1956.
- MCGINNIES, ELLIOTT: The role of mental health films in community discussion groups. *Mental Hygiene*, 42:409-422, 1958.
- MCGINNIES, ELLIOTT, and ALTMAN, I.: Discussion as a function of attitudes and content of a persuasive communication. *Journal of Applied Psychology*, 43:53-59, 1959.
- MCGINNIES, ELLIOTT, LANA, R., and SMITH, C.: The effects of sound films on opinions about mental illness in community discussion groups. *Journal of Applied Psychology*, 42:40-46, 1958.
- MCGINNIES, ELLIOTT, and VAUGHN, W.: Some biographical determiners of participation in group discussion. *Journal of Applied Psychology*, 41:179-185, 1957.
- MITNICK, L., and MCGINNIES, ELLIOTT: Influencing ethnocentrism in small discussion groups through a film communication. *Journal of Abnormal and Social Psychology*, 56:82-90, 1958.
- PAGE, R., and MCGINNIES, ELLIOTT: Comparison of two styles of leadership in small discussion groups. *Journal of Applied Psychology*, 43:240-245, 1959.
- MH-9066 (R12) BECK, LESTER F.: Evaluation of mental health films. University of Southern California, Los Angeles, Calif. (1954-55)
- Audience reactions to mental health films. 1955. Distributed by Department of Cinema, University of Southern California.
- MH-9067 (R12) NUNNALLY, JUM C., and OSGOOD, CHARLES E.: Communication of information on mental health. University of Illinois, Urbana, Ill. (1954-60)
- HUSEK, T. R., and BOBREN, H.: The relative importance of labels and behavior descriptions in determining attitudes toward labeled behavior. *Psychological Record*, 14:319-325, 1964.
- NUNNALLY, J. C.: The communication of mental health information: A comparison of the opinions of experts and the public with mass media presentations. *Behavioral Sciences*, 2:222-230, 1957.
- NUNNALLY, J. C.: Opinions of psychologists and psychiatrists about mental health problems. *Journal of Consulting Psychology*, 22:178-182, 1958.
- NUNNALLY, J. C.: Psychology, psychiatry and mental illness in the mass media: A study of trends, 1900-1959. *Mental Hygiene*, 45:89-93, 1961.
- NUNNALLY, J. C.: Popular conceptions of mental health. New York, Holt, Rinehart & Winston, 1961. 311 p.
- NUNNALLY, J. C., and BOBREN, H. M.: Variables governing the willingness to receive communications on mental health. *Journal of Personality*, 27:38-46, 1959.
- NUNNALLY, J., and BOBREN, H. M.: Attitude change with false information. *Public Opinion Quarterly*, 23:260-266, 1959.
- NUNNALLY, J. C., and GERBNER, GEORGE: Mental illness on television: A study of censorship. *Journal of Broadcasting*, 3:292-303, 1959.
- NUNNALLY, JUM C., and HUSEK, T. R.: The phony language examination: An approach to the measurement of response bias. *Educational and Psychological Measurement*, 18:275-282, 1958.
- NUNNALLY, JUM C., and HUSEK, T. R.: "Semantic clarity": One standard for factored tests. *Educational and Psychological Measurement*, 18:761-767, 1958.
- NUNNALLY, J. C., and KIRKROSS, J. M.: Public attitudes toward mental health professions. *American Psychologist*, 13:589-594, 1958.
- NUNNALLY, J., and TANNENBAUM, PERCY H.: Regulation of mental illness content in motion pictures and television. *Gazette*, 6:365-385, 1961.
- NUNNALLY, J., and TANNENBAUM, PERCY H.: Mass media censorship and the portrayal of mental illness: Some effects of industry-wide controls in motion pictures and television. In: Schramm, Wilbur, ed. *Studies of innovation and of communication to the public*. Stanford, Calif., Stanford University, 1962.
- TAYLOR, WILSON L.: Gauging the mental health content of the mass media. *Journalism Quarterly*, 34:191-201, 1957.
- MH-9073 (R12) HOFF, EBBE C.: Conference on alcoholism research. National States Conference on Alcoholism, Raleigh, N.C. (1954-55)
- HOFF, E. C., QUASTEL, J. H., POST, J., BLACKBURN, J. M., BACON, S. D., and DIETHELM, O.: Current research on problems of alcoholism. *Quarterly Journal of Studies on Alcohol*, 16(3):533-574, 1955.
- MH-9075 (R12) HUME, PORTIA B.: Hospital and clinic treatment in comparable cases. California

- state mental hospital admissions. Sacramento, California, California Department of Mental Hygiene, 1957. (Research Report No. 1).
- SAMPSON, HAROLD, ROSS, DAVID, ENGLE, BERNICE, and FLORINE, LIVSON: Feasibility of community clinic treatment for state mental hospital patients. *A. M. A. Archives of Neurology and Psychiatry*, 80:71-77, 1958.
- MH-9077 (R12) YARROW, LEON J.: Mother figure change in infancy and personality. Family and Child Services, Washington, D.C. (1954-62)
- YARROW, LEON J.: Moving toward maturity: Infancy. *Children*, 7(3):110-111, 1960.
- YARROW, LEON J.: Interviewing children. In: Mussen, P. H., ed. *Handbook of research methods in child development*. New York, John Wiley, 1960, p. 561-602.
- YARROW, LEON J.: Maternal deprivation: Toward an empirical and conceptual re-evaluation. *Psychological Bulletin*, 58:459-490, 1961.
- YARROW, LEON J.: The effects of having people as parents. *Contemporary Psychology*, 6:322-323, 1962.
- YARROW, LEON J.: Maternal care and infant behavior. *Children*, 10:32-34, 1963.
- YARROW, LEON J.: The longterm implications of maternal separation. *Child Welfare*, 52:72-77, 1963.
- YARROW, LEON J.: Research in dimensions of early maternal care. *Merrill-Palmer Quarterly of Behavior and Development*, 9:101-114, 1963.
- YARROW, LEON J.: Separation from parents in early childhood. In: Hoffman, M., and Hoffman, L., eds. *Review of child development research*. New York, Russell Sage, 1964, p. 89-136.
- YARROW, LEON J.: Personality consistency and change: Perspectives from longitudinal research. I. An overview of some conceptual and methodological issues. *Vita Humana*, 7:67-72, 1964.
- YARROW, L. J., and GOODWIN, M. S.: Some conceptual issues in the study of mother-infant interaction. *American Journal of Orthopsychiatry*, 35 (3):473-481, 1965.
- YARROW, LEON J., and YARROW, M. R.: Personality continuity and change in the family context. In: Worchel, P., and Byrne, D., eds. *Personality change*. New York, John Wiley & Sons, 1964, p. 489-523.
- Southern Regional Education Board: Social work personnel for mental health programs. Atlanta, Ga., Southern Regional Education Board, June, 1956, p. 48.
- Southern Regional Education Board: Psychiatrists for mental health programs. Atlanta, Ga., Southern Regional Education Board, December 1956, p. 51.
- Southern Regional Education Board: Psychologists for mental health programs. Atlanta, Ga., Southern Regional Education Board, August 1957, p. 43.
- Southern Regional Education Board: Nursing personnel for mental health programs. Atlanta, Ga., Southern Regional Education Board, March, 1958, 56 p.
- MH-9082 (R12) HENRY, WILLIAM E., HAVIGHURST, ROBERT J., and NEUGARTEN, BERNICE: Psychological and social factors in successful aging. University of Chicago, Chicago, Ill. (1955-63)
- CUMMING, ELAINE, DEAN, LOIS R., and NEWELL, DAVID S.: Measuring successful aging: A validity problem. In: Human Development Bulletin (Human Development Student Organization, University of Chicago), 1958, p. 22-32.
- CUMMING, ELAINE, DEAN, LOIS R., and NEWELL, DAVID S.: What is "morale?" A case history of a validity problem. *Human Organization*, 17(2): 3-8, 1958.
- CUMMING, ELAINE, and HENRY, WILLIAM E.: Growing old. New York, Basic Books, 1961. 293 p.
- CUMMING, ELAINE, and MCCAFFREY, ISABEL: Disengagement: A tentative theory of aging. *Sociometry*, 23:23-35, 1960.
- CUMMING, E., and SCHNEIDER, DAVID: Sibling solidarity: A structural property of American kinship. *American Anthropologist*, 63:498-507, 1961.
- DEAN, LOIS R.: Aging and the decline of instrumentality. *Journal of Gerontology*, 15:403-407, 1960.
- DEAN, LOIS R.: The pattern variables: Some empirical operations. *American Sociological Review*, 26:80-90, 1961.
- HAVIGHURST, ROBERT J.: The relation of the state to the aging individual. *Bulletin of the International Association of Gerontology*, 1(3):1-2, 1958.
- HAVIGHURST, ROBERT J.: Successful aging. *Gerontologist*, 1(1):8-13, 1961.
- HAVIGHURST, R. J., NEUGARTEN, B. L., and TOBIN, S. S.: Disengagement, personality and life satisfaction in the later years. In: Age with a future.

- Proceedings, 6th International Congress of Gerontology, Markaryd, Sweden. Copenhagen, Munksgaard, 1964, p. 419-425.
- HENRY, WILLIAM E., and CUMMING, ELAINE: Personality development in adulthood and old age. *Journal of Projective Techniques*, 23:383-390, 1959.
- LORTIE, DAN C.: Middle-aged men and their work: An exploration of meanings. *Human Development Bulletin*, 1957, p. 1-7.
- NEUGARTEN, B.: Women's implicit views of women. Chapter 4. In: Gross, Irma W., ed. *Potentialities of women in the middle years*. East Lansing, Michigan State University Press, 1956.
- NEUGARTEN, B.: Social change and our aging population. *Journal of the American Association of University Women*, 50(2):67-70, 1957.
- NEUGARTEN, B.: Women's changing roles through the life cycle. *Journal of the Association of Women Deans and Counselors*, 24:163-170, 1961.
- NEUGARTEN, B.: Personality changes in adulthood and old age. In: Proceedings of Seminars, 1951-1961, Duke University Council on Gerontology. Durham, North Carolina, Regional Center for the Study of Aging, Duke University, 1962, p. 22-34.
- NEUGARTEN, BERNICE L.: Personality changes during the adult years. In: Kuhlen, Raymond G., ed. *Psychological backgrounds of adult education*. Chicago, Center for the Study of Liberal Education for Adults, 1963, p. 43-76.
- NEUGARTEN, BERNICE L.: Personality and the aging process. In: Williams, Richard H., Tibbetts, Clark, and Donahue, Wilma, eds. *Processes of aging*. Vol. 1. New York, Atherton Press, 1963, p. 321-334.
- NEUGARTEN, B.: Biological and psychological aspects of aging. Washington, D.C., Welfare Administration, U.S. Health, Education, and Welfare Department, 1963. 17 p. (Processed).
- NEUGARTEN, BERNICE L.: Personality in middle and late life: A set of empirical studies. New York, Atherton Press, 1964. 231 p.
- NEUGARTEN, B.: A developmental view of adult personality. In: Birren, James E., ed. *Relations of development and aging*. Springfield, Ill., Charles C. Thomas, 1964, p. 176-208.
- NEUGARTEN, BERNICE L., and GUTMAN, DAVID L.: Age-sex roles and personality in middle age: A thematic apperception study. *Psychological Monographs*, 72(17):1-33, 1958. (Whole No. 470).
- NEUGARTEN, BERNICE L., HAVIGHURST, ROBERT J., and TOBIN, SHELDON S.: The measurement of life satisfaction. *Journal of Gerontology*, 16(2): 134-143, 1961.
- NEUGARTEN, BERNICE L., and PETERSON, W. A.: A study of the American age-grade system. In: Proceedings of the 4th Congress of the International Association of Gerontology: Sociological Division, Merano, Italy, July 14-19, 1957. Vol. 3. 1957, p. 497-502.
- ROSEN, JACQUELINE L., and NEUGARTEN, BERNICE L.: Ego functions in the middle and later years: A thematic apperception study of normal adults. *Journal of Gerontology*, 15:62-67, 1960.
- TOBIN, SHELDON S., and NEUGARTEN, B. L.: Life satisfaction and social interaction in the aging. *Journal of Gerontology*, 16:344-346, 1961.
- MH-9084 (R12) BRANCH, C. HARDIN, and ENARSON, HAROLD L.: Training, research and resource needs in western U.S. Western Interstate Commission for Higher Education, Boulder, Colo. (1955-56)
- BRANCH, C. H. HARDIN: The Western mental health training and research survey. *Journal of Correctional Psychology*, 11(3 and 4):63-68, 1955.
- MH-9091 (R12) LEVINSON, DANIEL J., and GREENBLATT, MILTON: Research conference on patient and the mental hospital. Harvard University, Cambridge, Mass. (1955-57)
- GREENBLATT, MILTON, LEVINSON, DANIEL J., and WILLIAMS, RICHARD H., eds.: The patient and the mental hospital: Contributions of research in the science of social behavior. Glencoe, Ill., Free Press, 1957. 658 p. (Also acknowledges MH-687 and MH-1000).
- MH-9092 (R12) MASLAND, RICHARD L.: Survey of etiology of mental retardation. National Association for Retarded Children, New York, N.Y. (1955-57)
- MASLAND, RICHARD L., SARASON, SEYMOUR B., and GLADWIN, THOMAS: Mental subnormality—biological, psychological, and cultural factors. New York, Basic Books, 1958. 442 p.
- MH-9094 (R12) REXFORD, EVEOLEEN N., SCHLEIFER, MAXWELL, VAN AMERONGEN, SUZANNE T.: A study of families with antisocial young children. Douglas A. Thomas Clinic for Children, Boston, Mass. (1956-58)
- REXFORD, EVEOLEEN N.: Some meanings of aggressive behavior in children. *Annals of the American Academy of Political and Social Science*, 322:11-18, 1959. (Also acknowledges MH-1795).
- REXFORD, EVEOLEEN N.: Antisocial young children and their families. In: Jessner, L., and Pavenstedt, E., eds. *Dynamic psychotherapy of children*. New York, Grune & Stratton, 1959, p. 186-218. (Also acknowledges MH-1795).

- REXFORD, EYEOLEEN, N.: A developmental concept of problems of acting-out. *Journal of the American Academy of Child Psychiatry*, 2:1, 1963.
- MH-9103 (R12) NISONGER, HERSCHEL W.: Professional organization planning in retardation. American Association on Mental Deficiency, Columbus, Ohio. (1956-63)
- CAUGHEY, JOHN J., JR.: The medical school phase of the education of a physician. *American Journal of Mental Deficiency*, 63(1):39-46, 1958.
- DUHL, LEONARD J., ed.: Research design and methodology in mental retardation. *American Journal of Mental Deficiency*, 64(2):227-430, 1959.
- GARDNER, WILLIAM I., and NISONGER, H. W.: A manual on program development in mental retardation. *American Journal of Mental Deficiency, Monograph Supplement*, 66(4):1-192, 1962.
- HEBER, RICK: Promising areas for psychological research in mental retardation. *American Journal of Mental Deficiency*, 63:1014-1019, 1959.
- HEBER, RICK F., ed.: Preparation of mentally retarded youth for gainful employment. Washington, D.C., Office of Education, Bulletin 1959, No. 28, Rehabilitation Services Series No. 507, U.S. Government Printing Office, 1959, 86 p.
- HEBER, RICK F., ed.: Training of psychologists in mental retardation. *American Journal of Mental Deficiency*, 65(5):634-651, 1961.
- HEBER, RICK F., ed.: A manual on terminology and classification in mental retardation. *American Journal of Mental Deficiency, Monograph Supplement*, 2nd ed., 1961, 109 p.
- HINDMAN, DARRELL A.: Cooperative programs of training and research in mental retardation: A survey study of cooperative relationships established between residential facilities for the mentally retarded and colleges and universities. Yellow Springs, Ohio, Antioch Press, 1959, 160 p.
- KATZ, ALBERT H., ed.: Mental retardation and social work education. Detroit, Wayne State University Press, 1961, 56 p.
- KNOBLOCH, HILDA: Teaching about mental subnormality to the medical student and physician: A conference report. *Pediatrics*, 31(1):Part I: 146-153, 1963.
- NISONGER, HERSCHEL W.: Status of the A.A.M.D. project: Past, present, and future. *American Journal of Mental Deficiency*, 64:217-226, 1959.
- NISONGER, H. W.: State planning on mental retardation. *Mental Retardation*, 1(6):330-337, 1963.
- NISONGER, H. W., ed.: Manual on standards for state residential institutions. *American Journal of Mental Deficiency, Monograph Supplement*, 66(4):1-101, 1964.
- President's Panel on Mental Retardation: Bibliography of world literature on mental retardation, January 1940-March 1963. Washington, D.C., Government Printing Office, 1963, 564 p.
- MH-9104 (R12) GERARD, RALPH W.: Conference on pharmacotherapy in mental illness. National Academy of Sciences, Washington, D.C. (1955-59)
- COLE, JONATHAN O., and GERARD, RALPH W., eds.: Psychopharmacology: Problems in evaluation. Washington, D.C., National Academy of Sciences-National Research Council, 1959, 662 p. (Publication No. 583).
- GREENBLATT, M., and LEVINSON, D. J.: The evaluation of therapeutic change: Sociopsychological aspects. In: Cole, J. O., and Gerard, R. W., eds. *Psychopharmacology: Problems in evaluation*. Washington, D.C., National Academy of Sciences, National Research Council, 1959, p. 478-498. (Also acknowledges MH-687).
- MH-9106 (R12) EWALT, JACK R.: National survey of mental illness and health. Joint Commission on Mental Illness and Health, Boston, Mass. (1956-61)
- ALBRE, GEORGE W.: Mental health manpower trends. New York, Basic Books, 1959, 361 p.
- ALLINSMITH, WESLEY, and GOETHALS, GEORGE: The role of schools in mental health. New York, Basic Books, 1962, 337 p.
- EWALT, JACK R.: Goals of the Joint Commission on Mental Illness and Health. *American Journal of Public Health*, 47:19-24, 1957.
- EWALT, JACK R.: Community attitudes. *American Journal of Public Health*, 47(11):24-26, 1957.
- EWALT, JACK R.: Working with the Joint Commission on Mental Illness and Health. *Mental Health in Virginia*, 8(1):13-15, 1957.
- EWALT, JACK R.: The Joint Commission and the community self survey. National Health Council, New York, September, 1957, p. 20.
- EWALT, JACK R.: A case for the community self survey. *Public Health Reports*, 72(7):620-623, 1957.
- FEIN, RASHI: Economics of mental illness. New York, Basic Books, 1958, 164 p.
- GURIN, GERALD, VEROFF, JOSEPH, and FIELD, SHEILA: Americans view their mental health. New York, Basic Books, 1960, 444 p.
- JAHODA, MARIE: Current concepts of positive mental health. New York, Basic Books, 1958, 136 p.

- Joint Commission on Mental Illness and Health: Action for mental health: Final report of the Joint Commission on Mental Illness and Health. New York, Basic Books, 1961, 338 p.
- MCCANN, RICHARD V.: The churches and mental health. New York, Basic Books, 1962, 278 p.
- PLUNKETT, RICHARD J., and GORDON, JOHN E.: Epidemiology in mental health. New York, Basic Books, 1960, 126 p.
- ROBINSON, REGINALD, DEMARCHE, DAVID F., and WAGLE, MILDRED: Community resources in mental health. New York, Basic Books, 1960, 435 p. (Also acknowledges MH-9153).
- MH-9109 (R12) LIPPITT, RONALD, and WITHEY, STEPHEN: Social and psychological factors in delinquency. University of Michigan, Ann Arbor, Mich. (1956-65)
- EISERMAN, J.: Leaders' guide for the deciders. Ann Arbor, Michigan, Institute for Social Research, 1963, 29 p.
- GOLD, M.: Status forces in delinquent boys. Ann Arbor, Michigan, Institute for Social Research, 1963, 229 p.
- GOULD, R., and LIPPITT, R., eds.: Delinquency patterns, causes, cures. Ann Arbor, Michigan, Institute for Social Research, 1961, 53 p.
- HAWKINSHIRE, F., ed.: Parents, teachers, youth: A teenage weekend laboratory. Ann Arbor, Michigan, Institute for Social Research, 1962, 62 p. (Processed).
- JUNG, C.: Flint schools experimental programs for the emotionally handicapped. Pilot phase description and evaluation. Ann Arbor, Michigan, Institute for Social Research, July 1962, 75 p. Appendix, 157 p. (Processed).
- MCQUEEN, A.: Lower class culture, mobility aspirations and juvenile delinquency: A functional analysis. Ann Arbor, Mich., Institute for Social Research, 1961, 17 p.
- MOLES, O. JR., LIPPITT, R., and WITHEY, S. B.: A selective review of research and theories concerning the dynamics of delinquency. Ann Arbor, Mich., Institute for Social Research, 1960, 188 p.
- MORRIS, RUTH R.: Female delinquency and relational problems. *Social Forces*, 43(1):82-89, 1964.
- MORRIS, RUTH R.: Attitudes toward delinquency by delinquents, non-delinquents and their friends. *British Journal of Criminology*, p. 249-265, July 1965.
- SIMBERG, M., ed.: Flint community leaders seminar reports. Ann Arbor, Mich., Institute for Social Research, 1962, 121 p. (Processed).
- WINTER, J., and HALSTED, D.: Report on the Flint youth study. A resource book of selected findings. Ann Arbor, Mich., Institute for Social Research, 1961, 317 p.
- MH-9111 (R12) O'DOHERTY, DESMOND, BULLARD, DEXTER, and FORSTER, FRANCIS M.: Symposium on subcortical implanted electrodes. Georgetown University, Washington, D.C. (1956-60)
- RAMEY, E. R., and O'DOHERTY, D. S.: Electrical studies on the unanesthetized brain. New York, Paul B. Hoeber, 1960, 423 p.
- MH-9121 (R12) RYAN, PHILIP E.: 1957 national health forum on fostering mental health. National Health Council, New York, N.Y. (1956-57)
- DACH, ELIZABETH M.: Your community and mental health. New York, Public Affairs Committee, 1958, 28 p. (Public Affairs Pamphlet No. 263).
- NELSON, JOSEPHINE, and DACH, ELIZABETH, M., eds.: Steps for today toward better mental health. New York City, National Health Council, 1957, 118 p.
- MH-9122 (R12) SCHRAMM, WILBUR, and SEARS, ROBERT R.: Factors affecting development of the parental role. Stanford University, Stanford, Calif. (1957-62)
- ADAMS, J. STACEY: Advice seeking of mothers as a function of need for cognition. *Child Development*, 30:171-176, 1959.
- ADAMS, J. STACEY: The reduction of cognitive dissonance by seeking consonant information. *Journal of Abnormal and Social Psychology*, 62:74-78, 1961.
- MACCOBY, ELEANOR E., MACCOBY, NATHAN, ROMNEY, A. K., and ADAMS, J. S.: Social reinforcement and attitude change. *Journal of Abnormal and Social Psychology*, 63:109-115, 1961.
- MACCOBY, NATHAN: The communication of child-rearing advice to parents. *Merrill-Palmer Quarterly of Behavior and Development*, 7:199-204, 1961.
- MACCOBY, NATHAN, and MACCOBY, ELEANOR E.: Homeostatic theory in attitude change. *Public Opinion Quarterly*, 25:538-545, 1961.
- MACCOBY, NATHAN, ROMNEY, A. K., ADAMS, J. STACEY, and MACCOBY, ELEANOR E.: "Critical periods" in seeking and accepting information. In: Paris—Stanford studies in communication 1962. Stanford, California, Institute for Communication Research, Stanford University, 1962, p. 47-57.
- MH-9124 (R12) SAMPSON, HAROLD: Convalescent leave of schizophrenic patients. California State

- Department of Mental Hygiene, Sacramento, Calif. (1957-63)
- MESSINGER, SHELDON, L., SAMPSON, HAROLD, and TOWNE, ROBERT D.: Life as theater: Some notes on the dramaturgic approach to social reality. *Sociometry*, 25:98-110, 1962.
- SAMPSON, HAROLD, MESSINGER, SHELDON L., and TOWNE, ROBERT D.: Family processes and becoming a mental patient. *American Journal of Sociology*, 68:88-96, 1962.
- SAMPSON, H., MESSINGER, S. L., and TOWNE, R. D.: The mental hospital and family adaptations. *Psychiatric Quarterly*, 36:704-719, 1962.
- SAMPSON, H., MESSINGER, S. L., and TOWNE, R. D.: Schizophrenic women: Studies of marital crisis. New York, Atherton Press, 1964, 174 p.
- SAMPSON, H., MESSINGER, S. L., TOWNE, R. D., ROSS, DAVID, LIVSON, FLORINE, BOWERS, MARY, COHEN, LESTER, and DORST, KATE S.: Two types of schizophrenic crises in women. *Bulletin of the Menninger Clinic*, 25:296-306, 1961.
- SAMPSON, H., MESSINGER, S. L., TOWNE, R. D., ROSS, DAVID, LIVSON, FLORINE, BOWERS, MARY, COHEN, LESTER, and DORST, KATE S.: The mental hospital and marital family ties. *Social Problems*, 9(2):141-155, 1961.
- TOWNE, ROBERT D., MESSINGER, SHELDON L., and SAMPSON, HAROLD: Schizophrenia and the marital family: Accommodations to symbiosis. *Family Processes*, 1:304-318, 1962.
- TOWNE, ROBERT D., SAMPSON, HAROLD, and MESSINGER, SHELDON L.: Schizophrenia and the marital family: Identification crisis. *Journal of Nervous and Mental Disease*, 133:423-429, 1961.
- MH-9128 (R12) ARGYRIS, CHRIS: Optimizing self-actualization in organization. Yale University, New Haven, Conn. (1957- )
- ARGYRIS, CHRIS: Organization and the human being. *Product Engineering*, p. 26-29, 1957 (December 30).
- ARGYRIS, CHRIS: Some problems in conceptualizing organizational climate: A case study of a bank. *Administrative Science Quarterly*, 2(4):501-520, 1958.
- ARGYRIS, CHRIS: The organization: What makes it healthy? *Harvard Business Review*, 36(6):107-116, 1958.
- ARGYRIS, CHRIS: Creating effective research relationships in organizations. *Human Organization*, 17(1):34-40, 1958.
- ARGYRIS, CHRIS: Individual and organization: An empirical test. *Administration Science Quarterly*, 3(4):145-167, 1959.
- ARGYRIS, CHRIS: Organizations: One viewpoint. In: Haire, Mason, ed. *Modern Organization theory*. New York, Wiley, 1959, p. 115-154.
- ARGYRIS, CHRIS: Organizational effectiveness under stress. *Harvard Business Review*, 38(3):137-146, 1960.
- ARGYRIS, CHRIS: Individual actualization in complex organizations. *Mental Hygiene*, 44(2):226-237, 1960.
- ARGYRIS, CHRIS: Explorations in client consultation relationships. *Human Organization*, 20(3):121-133, 1961.
- ARGYRIS, CHRIS: A model for relating interpersonal competence to organizational effectiveness. In: Mental health in industry, Proceedings of Foundation for Research in Human Behavior, Ann Arbor, Mich., 1961.
- ARGYRIS, CHRIS: Behavior of executives within the organization. In: Behavioral science research in industrial relations. New York, Industrial Relations Counselors, 1962. (Industrial Relations Monograph No. 21).
- ARGYRIS, CHRIS: The integration of the individual and the organization. In: Social science approaches to business behavior. Homewood, Ill., Irwin-Dorsey Press, 1962.
- MH-9130 (R12) DINGMAN, HARVEY F., and TARRANT, GEORGE: Population movement of hospitalized retarded. Pacific State Hospital, Pomona, Calif. (1957-62)
- BROWN, SHELDON J., WINDLE, CHARLES, and STEWART, ELIZABETH: Statistics on a family care program. *American Journal of Mental Deficiency*, 64:535-542, 1959.
- DINGMAN, HARVEY F.: The relationship between coefficients of correlation and difficulty factors. *British Journal of Statistical Psychology*, 11(1):13-17, 1958.
- DINGMAN, HARVEY F.: Some uses of descriptive statistics in population analysis. *American Journal of Mental Deficiency*, 64(2):291-295, 1959.
- DINGMAN, HARVEY F.: Description of NIMH-sponsored research programs at Pacific State Hospital. *Training School Bulletin*, 58:74-79, 1961.
- DINGMAN, H. F.: NIMH supported research in mental retardation at Pacific State Hospital. In: Proceedings of the 12th annual conference of the model reporting area for mental hospital statistics—presentations of panel members. Public Health Service Publ. No. 1126, 1963, p. 74-81.
- DINGMAN, HARVEY F., EYMAN, R. K., and WINDLE, CHARLES D.: An investigation of some child-rearing attitudes of mothers with retarded



- children. *American Journal of Mental Deficiency*, 67(6):899-908, 1963.
- DINGMAN, HARVEY F., and MILLER, CURTIS R.: Note on use of correlation statistics and population analysis. *American Journal of Mental Deficiency*, 64:636-637, 1959.
- DINGMAN, HARVEY F., and SILVERSTEIN, ARTHUR B.: Intelligence, motor disabilities, and reaction time in the mentally retarded. *Perceptual and Motor Skills*, 19:791-794, 1964.
- DINGMAN, HARVEY F., and TARJAN, G.: Mental retardation and the normal distribution curve. *American Journal of Mental Deficiency*, 64:991-994, 1960.
- DINGMAN, HARVEY F., WINDLE, CHARLES D., and BROWN, S. J.: Prediction of child-rearing attitudes. *Child Welfare*, 41:305-307, 1962.
- DINGMAN, HARVEY F., WINDLE, CHARLES D., EYMAN, RICHARD K., and MUSSELMAN, D.: Factor analysis of a magazine interest test. *American Journal of Mental Deficiency*, 65:59-63, 1960.
- DINGMAN, HARVEY F., WINDLE, CHARLES D., and SABAGH, GEORGES: Three additional error terms for analysis of variance. *Psychological Reports*, 8:373-376, 1961.
- EDGERTON, ROBERT B.: A patient elite: Ethnography in a hospital for the mentally retarded. *American Journal of Mental Deficiency*, 68:372-385, 1963.
- EDGERTON, ROBERT B., and DINGMAN, HARVEY F.: Tattooing and identity. *International Journal of Social Psychiatry*, 9(2):143-153, 1963.
- EDGERTON, ROBERT B., and SABAGH, GEORGE: From mortification to aggrandizement: Changing self-conception in the careers of the mentally retarded. *Psychiatry*, 25:263-272, 1962.
- EDGERTON, ROBERT B., TARJAN, GEORGE, and DINGMAN, HARVEY F.: Free enterprise in a captive society. *American Journal of Mental Deficiency*, 66:35-41, 1961.
- EYMAN, RICHARD K.: Convariation of level of aspiration and adaption level with other characteristics. *American Journal of Mental Deficiency*, 68:741-750, 1964.
- EYMAN, RICHARD K., DINGMAN, HARVEY F., and WINDLE, CHARLES: Manipulative dexterity and movement history of mental defectives. *Perceptual and Motor Skills*, 9:291-294, 1959.
- KAARIAINEN, RISTO, and DINGMAN, HARVEY F.: The relation of the degree of mongolism to the degree of subnormality. *American Journal of Mental Deficiency*, 66:438-443, 1961.
- KRAMER, M., PERSON, P. H., JR., TARJAN, GEORGE, MORGAN, R., and WRIGHT, S. W.: A method for determination of probabilities of stay, release, and death, for patients admitted to a hospital for the mentally deficient: The experience of Pacific State Hospital during the period 1948-1952. *American Journal of Mental Deficiency*, 62(3):481-495, 1957.
- MERCER, JANE R.: Social system perspective and clinical perspective: Frames of reference for understanding career patterns of persons labelled as mentally retarded. *Social Problems*, 13(1):18-34, 1965.
- MEYERS, C. E., and DINGMAN, HARVEY F.: The structure of abilities at the preschool ages: Hypothesized domains. *Psychological Bulletin*, 57:514-532, 1960.
- MEYERS, C. E., DINGMAN, HARVEY F., ATTWELL, A., and ORPET, R.: Comparative abilities of normals and retardates of MA 6 on a factor-type test battery. *American Journal of Mental Deficiency*, 66:250-258, 1961.
- MEYERS, C. E., DINGMAN, H. F., ORPET, R. E., SITKEI, E. G., and WATTS, C. A.: Four ability-factor hypotheses at three preliteracy levels in normal and retarded children. Monographs of the Society for Research in Child Development, 29 (5):3-80, 1964. (Serial No. 96).
- MEYERS, C. E., ORPET, R., ATTWELL, S., and DINGMAN, HARVEY F.: Primary ability at mental age six. Monographs of the Society for Research in Child Development, 27, 1962. (Whole No. 1).
- MILLER, D. R., FISHER, G. M., and DINGMAN, HARVEY F.: A note on differential utility of WAIS verbal and performance IQ's. *American Journal of Mental Deficiency*, 65:482-485, 1961.
- MOSIER, D., SCOTT, L., and DINGMAN, HARVEY F.: Sexually deviant behavior in Klinefelter's syndrome. *Journal of Pediatrics*, 57(3):479-483, 1960.
- SABAGH, GEORGES, DINGMAN, HARVEY F., MILLER, CURTIS, and TARJAN, GEORGE: Differential mortality in a hospital for the mentally retarded: A study of mortality among patients admitted to Pacific State Hospital, 1948-1956. In: Proceedings of the International Population Conference, Vienna, 1959, p. 460-468.
- SABAGH, GEORGES, DINGMAN, HARVEY F., TARJAN, GEORGE, and WRIGHT, STANLEY W.: Social class and ethnic status of patients admitted to a state hospital for the retarded. *Pacific Sociology Review*, 2:76-80, 1959.
- SABAGH, GEORGE, DINGMAN, HARVEY F., and WINDLE, CHARLES D.: Variations in the image of a mental hospital and situational bias. *Mental Hygiene*, 47(1):96-102, 1963.
- SABAGH, GEORGES, and EDGERTON, R. B.: Sterilized mental defectives look at eugenic sterilization. *Eugenics Quarterly*, 9(4):213-222, 1962.

- SABAGH, GEROGES, and WINDLE, C.: Recent trends in institutionalization rates of mental defectives in the United States. *American Journal of Mental Deficiency*, 64:618-624, 1959.
- SHIPE, DOROTHY, DINGMAN, HARVEY F., WINDLE, CHARLES, and MOTICHA, KATHERINE: Validity of a measure of escape proneness. *American Journal of Mental Deficiency*, 66:872-877, 1962.
- SHOTWELL, ANNA M., DINGMAN, HARVEY F., and TARJAN, GEORGE: Need for improved criteria in evaluating job performance of state hospital employees. *American Journal of Mental Deficiency*, 65(2):208-213, 1960.
- TARJAN, G., DINGMAN, HARVEY F., EYMAN, R., and BROWN, S. J.: Effectiveness of hospital release programs. *American Journal of Mental Deficiency*, 64:609-617, 1960.
- TARJAN, GEORGE, DINGMAN, HARVEY F., and MILLER, CURTIS R.: Statistical expectations of selected handicaps in the mentally retarded. *American Journal of Mental Deficiency*, 65:335-341, 1960.
- TARJAN, GEORGE, WRIGHT, STANLEY W., DINGMAN, HARVEY F., and EYMAN, RICHARD K.: The natural history of mental deficiency in a state hospital. III. Selected characteristics of first admissions and their environment. *American Journal of Diseases of Children*, 101:195-205, 1961.
- TARJAN, GEORGE, WRIGHT, STANLEY W., DINGMAN, HARVEY F., and SABAGH, G.: The natural history of mental deficiency in a state hospital. II. Mentally deficient children admitted to a state hospital prior to their sixth birthday. *American Journal of Diseases of Children*, 98:370-378, 1959.
- TARJAN, GEORGE, WRIGHT, S. W., KRAMER M., PERSON, P. H., JR., and MORGAN, R.: The natural history of mental deficiency in a state hospital. I. Probabilities of release and death by age, intelligent quotient, and diagnosis. *A. M. A. Journal of Diseases of Children*, 96:64-70, 1958.
- WINDLE, CHARLES: An exploratory prognostic study of unauthorized absences from Pacific State Hospital. *Training School Bulletin*, 55:73-75, 1959.
- WINDLE, CHARLES: Prognosis of mental subnormals. *American Journal of Mental Deficiency*, monograph 66, 1962. (Whole No. 5).
- WINDLE, CHARLES, and DINGMAN, HARVEY F.: The front and back doors of a hospital for mental defectives. *Training School Bulletin*, 56:8-14, 1959.
- WINDLE, CHARLES, and DINGMAN, HARVEY F.: Interrater agreement and predictive validity. *Journal of Applied Psychology*, 44:203-204, 1960.
- WINDLE, CHARLES, SABAGH, G., BROWN, S. J., and DINGMAN, HARVEY F.: Caretaker characteristics and placement success. *American Journal of Mental Deficiency*, 65:739-743, 1961.
- WINDLE, CHARLES D., STEWART, ELIZABETH, and BROWN, S. J.: Reasons for community failure of released patients. *American Journal of Mental Deficiency*, 66:213-217, 1961.
- MH-9132 (R12) FRENCH, JOHN R., JR., KAHN, ROBERT L., and MANN, FLOYD C.: A program of research on mental health in industry. University of Michigan, Ann Arbor, Mich. (1957-61)
- COBB, S., FRENCH, J. R. P., KAHN, R. L., and MANN, F. C.: An environmental approach to mental health. *Annals of the New York Academy of Sciences*, 107:596-606, 1963.
- FRENCH, J. R. P., and KAHN, R. L.: A programmatic approach to studying the industrial environment and mental health. *Journal of Social Issues*, 18(3):1-47, 1962.
- FRENCH, J. R. P., JR., KAHN, ROBERT L., and MANN, FLOYD C., eds.: Work, health, and satisfaction. *Journal of Social Issues*, 18(3), 1962. (Also acknowledges MH-3346 and MH-3874).
- KAHN, R. L., and FRENCH, J. R. P.: A summary and some tentative conclusions. *Journal of Social Issues*, 18(3):122-127, 1962.
- KAHN, R. L., WOLFE, D. M., QUINN, R. P., SNOCK, J. D., and ROSENTHAL, R. A.: Organizational stress: Studies in role conflict and ambiguity. New York, Wiley & Sons, 1964, 470 p. (Also acknowledges MH-3346 and MH-3874).
- MANN, F. C., and WILLIAMS, L. K.: Some effects of changing work environment in the office. *Journal of Social Issues*, 18(3):90-101, 1962.
- MH-9133 (R12) DEARBORN, NED, and JOHNSON, WILLIAM J.: Conference on research in highway safety, 1957. National Safety Council, Chicago, Ill. (1957-58)
- SPECIAL REPORT ON THE WILLIAMSBURG CONFERENCE: *Traffic Safety*, (Magazine published by National Safety Council), 52(6):2-11, 1958. (Research Review Section, June).
- MH-9134 (R12) BAYTON, JAMES A., and OWENS, BEN L.: Individual and social responses to influenza epidemic. National Analysts, Philadelphia, Pa. (1957-58)

- ROSENSTACK, I. M., HOCHBAUM, G. M., and LEVENTHAL, H.: The impact of Asian influenza on community life. Public Health Service Publication No. 766, 1960, 98 p.
- MH-9135 (R12) BIBER, BARBARA, GILKESON, ELIZABETH C., HORTON, DONALD, and WINSOR, CHARLOTTE B.: Schools and mental health, an action-research program. Bank Street College of Education, New York, N.Y. (1958-66)
- ASSOCIATES OF BANK STREET COLLEGE OF EDUCATION: Individuality and education. New York, Bank Street College of Education, 1958, 88 p.
- BIBER, BARBARA: Premature structuring as a deterrent to creativity. *American Journal of Orthopsychiatry*, 29:280-290, 1959.
- BIBER, BARBARA: Integration of mental health principles in the school setting. In: Caplan, Gerald, ed. *Prevention of mental disorders in children*. New York, Basic Books, 1961, p. 323-352. (Also acknowledges MH-1075).
- BIBER, BARBARA: Preschool education. In: Ulrich, R., ed. *Education and the idea of mankind*. New York, Harcourt Brace & World, 1964, p. 79.
- KOHN, MARTIN, and BAKER, JEROME: Special methodological considerations in conducting field research in a school setting. *Psychology in the Schools*, 1:31-46, 1964. (Also acknowledges MH-1075).
- ZIMILIS, HERBERT, BIBER, BARBARA, RABINOWITZ, WILLIAM, and HAY, LOUIS: Personality aspects of teaching: A predictive study. *Genetic Psychology Monographs*, 69:101-149, 1964. (Also acknowledges MH-215).
- MH-9137 (R12) FREID, MARC, CAPLAN, GERALD, and LINDEMANN, ERICH: Relocation and mental health adaption under stress. Harvard University, Cambridge, Mass. (1957- )
- ELLING, R. H.: Medizinische Soziologie, bericht über das Yale Program. *Der Öffentliche Gesundheitsdienst, J. O. Jahrgang*, Stuttgart, 4:146-149, July 1958.
- ELLING, R. H.: Der Medizinische Soziologie in U.S.A.—seine Rollen und Interessen. *Kölner Zeitschrift für Soziologie und Sozialpsychologie*, Sonderheft über Medizinische Soziologie, Dezember, 1958.
- FRIED, M.: Grieving for a lost home. In: Duhl, L. J., ed. *The urban condition*. New York, Basic Books, 1963, p. 151-171.
- FRIED, M.: Effects of social change on mental health. *American Journal of Orthopsychiatry*, 34:3-28, 1964.
- FRIED, MARC: Social problems and psychopathology. In: Urban American and the planning of mental health services. Vol. 5. Symposium No. 10. New York, Group for the Advancement of Psychiatry, 1964, p. 403-446.
- FRIED, M., and GLEICHER, P.: Some sources of residential satisfaction in an urban slum. *Journal of the American Institute of Planners*, 27:305-315, 1961.
- FRIED, M., and LINDEMANN, E.: Sociocultural factors in mental health and illness. *American Journal of Orthopsychiatry*, 31:87-101, 1961. (Also acknowledges MH-3471).
- GANS, H.: The human implications of current redevelopment and relocation planning. *Journal of the American Institute of Planners*, 25(1):15-26, 1959.
- GANS, H.: The urban villagers: Group and class in the life of Italian-Americans. Glencoe, Ill., Free Press, 1962, 367 p.
- HARTMAN, C.: The limitations of public housing: Relocation choices in a working-class community. *Journal of the American Institute of Planners*, 29:283-296, 1963.
- HARTMAN, C.: Social values and housing orientations. *Journal of Social Issues*, 19:113-131, 1963.
- HARTMAN, CHESTER: The housing of relocated families. *Journal of the American Institute of Planners*, 30(4):266-286, 1964.
- LINDEMANN, E.: Social system factors as determinants of resistance to change. *American Journal of Orthopsychiatry*, 35(3):544-557, 1965. (Also acknowledges MH-3471).
- RYAN, E. J.: Individual identity in a urban slum. In: Duhl, L. J., ed. *The urban condition*. New York, Basic Books, 1963, p. 135-150.
- SIFNEOS, PETER E.: Phobic patient with dyspnea: Short-term psychotherapy. *American Practitioner and Digest of Treatment*, 9(6):947-952, 1958.
- SIFNEOS, PETER E.: Preventive psychiatric work with mothers. *Mental Hygiene*, 43:230-236, 1959.
- SIFNEOS, P. E.: A concept of emotional crisis. *Mental Hygiene*, 44:169-179, 1960.
- MH-9139 (R12) ROSS, ARTHUR M., FRENKEL-BRUNSWIK, ELSE, and REICHARD, SUZANNE: Social and psychological problems of aging. University of California, Berkeley, Calif. (1957-62)
- REICHARD, SUZANNE: Personality and adjustment to aging. In: Tibbitts, Clark, and Donahue, Wilma, eds. *Social and psychological aspects of aging*. New York, Columbia University Press, 1962, p. 666-669.
- REICHARD, SUZANNE, LIVSON, FLORINE, and PETERSEN, PAUL G.: Aging and personality: A study of 87 older men. New York, Wiley, 1962, 237 p.

- MH-9145 (R12) SIMON, ALEXANDER, LOWENTHAL, MARJORIE F.: Studies in geriatric mental illness. Langley Porter Neuropsychiatric Institute, San Francisco, Calif. (1958- )
- ANDERSON, BARBARA GALLATIN: Stress and psychopathology among aged Americans: An inquiry into the perception of stress. *Southwestern Journal of Anthropology*, 20:190-217, 1964.
- ANDERSON, BARBARA GALLATIN: Bereavement as a subject of cross-cultural inquiry: An American sample. *Anthropological Quarterly*, 38(4):181-200, 1965.
- CAHAN, ROBERT B., and YEAGER, CHARLES L.: Admission EEG as a predictor of mortality and discharge for aged state hospital patients. *Journal of Gerontology*, 21(2):248-256, 1966.
- CHRIST, ADOLPH E.: Attitudes toward death among a group of acute geriatric psychiatric patients. (Attitudes toward death in older persons: A symposium.) *Journal of Gerontology*, 16:56-59, 1961.
- CROOK, GUY HAMILTON, and KATZ, LAWRENCE: Intellectual functioning of aged patients and non-patients. In: Tibbitts, Clark, and Donahue, Wilma, eds. *Social and psychological aspects of aging*. New York, Columbia University Press, 1962, p. 555-567.
- EPSTEIN, LEON, SIMON, ALEXANDER, and MOCK, RONALD: Neuropsychological correlations in senile and cerebral arteriosclerotic psychoses. In: Hansen Per Fromm, ed. *Age with a future*. Copenhagen, Munksgaard, 1964, p. 272-275.
- JAMBOR, HELEN: A comparative analysis of employment patterns of older psychiatric male patients and men in the community. In: Tibbitts, Clark, and Donahue, Wilma, eds. *Social and psychological aspects of aging*. New York, Columbia University Press, 1962, p. 537-546.
- KATZ, LAWRENCE, and CROOK, GUY HAMILTON: Use of the Kent E-G-Y with an aged population. *Journal of Gerontology*, 17:186-189, 1962.
- KATZ, LAWRENCE, NEAL, MIRON W., and SIMON, ALEXANDER: Observations on psychic mechanisms in organic psychoses of the aged. In: Hoch, Paul H., and Zubin, Joseph, eds. *Psychopathology of aging*. New York, Grune & Stratton, 1961, p. 160-181.
- LOWENTHAL, MARJORIE FISKE: Geriatric mental illness: Methodologic and social aspects. *Geriatrics*, 16:306-310, 1961.
- LOWENTHAL, MARJORIE FISKE: Some social dimensions of psychiatric disorders in old age. In: Williams, Richard H., Tibbitts, Clark, and Donahue, Wilma, eds. *Processes of aging: Social and psychological perspectives*. New York, Atherton Press, 1963, p. 224-246.
- LOWENTHAL, MARJORIE FISKE: Social isolation and mental illness in old age. *American Sociological Review*, 29:54-70, 1964.
- LOWENTHAL, MARJORIE FISKE: Lives in distress: The paths of the elderly to the psychiatric ward. New York, Basic Books, 1964, 266 p.
- LOWENTHAL, M. F.: Antecedents of isolation and mental illness in old age. *Archives of General Psychiatry*, 12(3):245-254, 1965.
- LOWENTHAL, MARJORIE FISKE, and BERKMAN, PAUL L.: The problem of rating psychiatric disability in a study of normal and abnormal aging. *Journal of Health and Human Behavior*, 5:40-44, 1964.
- LOWENTHAL, MARJORIE FISKE, and BOLER, DEETJE: Voluntary vs. involuntary social withdrawal. *Journal of Gerontology*, 20(3):263-271, 1965.
- PIERCE, ROBERT C.: Note on testing conditions. *Journal of Consulting Psychology*, 27:536-537, 1963.
- SIMON, ALEXANDER, and CAHAN, ROBERT B.: The acute brain syndrome in geriatric patients. *Psychiatric Research Reports*, 16:8-21, 1963.
- SIMON, ALEXANDER, and LOWENTHAL, MARJORIE FISKE: Studies in geriatric mental illness: Some research plans and assumptions. *Journal of the American Geriatrics Society*, 8:363-372, 1960.
- SIMON, ALEXANDER, FISKE (LOWENTHAL), MARJORIE, and NEAL, MIRON W.: Preliminary report on studies in geriatric mental illness. *Newsletter of the Gerontological Society*, pp. 17, 18, 26, June, 1960.
- SIMON, ALEXANDER, and NEAL, MIRON W.: Patterns of geriatric mental illness. In: Williams, Richard H., Tibbitts, Clark, and Donahue, Wilma, eds. *Processes of aging: Social and psychological perspectives*. New York, Atherton Press, 1963, p. 449-471.
- MH-9146 (R12) ZUBIN, JOSEPH: Epidemiology of mental disorders. American Psychopathological Association, Minneapolis, Minn. (1958-59)
- BURDOCK, EUGENE I.: From the point of view of the philosophy of science. In: Zubin, Joseph, ed. *Field studies in the mental disorders*. New York, Grune & Stratton, 1961, p. 371-378. (Also acknowledges MH-3546).
- HAMMER, MURIEL, and LEACOCK, ELEANOR: Source material on the epidemiology of mental illness. In: Zubin, J., ed. *Field studies in the mental disorders*. New York, Grune & Stratton, 1961, p. 418-487.
- ZUBIN, JOSEPH, ed.: Field studies in the mental disorders. New York, Grune & Stratton, 1961, 495 p.

- MH-9149 (R12) HUTCHESON, B. R., and HURWITZ, JACOB I.: Clinical and community studies of juvenile delinquency. South Shore Mental Health Association, Quincy, Mass. (1958-62)
- South Shore Mental Health Center: A prognostic classification for juvenile court first offenders based on a follow-up study: A method applicable to the field of mental illness. Quincy, Mass., South Shore Mental Health Association, 1963. (Processed)
- MH-9150 (R12) CHEIN, ISIDOR: Prevention of juvenile delinquency and narcotics use. New York University, New York, N.Y. (1958-60)
- CHEIN, ISIDOR, ROSENFELD, EVA, GERARD, D. L., and LEE, R. S.: A proposal for a community centered demonstration and research project aimed at the control of maladaptive behavior among juveniles. New York, Research Center for Human Relations, New York University, January 1957. (Processed)
- MH-9151 (R12) KING, STANLEY H., FARNSWORTH, DANA L., and FUNKENSTEIN, DANIEL: Personality development during college years. Harvard University, Cambridge, Mass. (1958- )
- BIDWELL, CHARLES E., KING, STANLEY H., FINNIE, BRUCE, and SCARR, HARRY A.: Undergraduate careers: Alternatives and determinants. *School Review*, 71(3):299-316, 1963.
- BIDWELL, CHARLES E., and VREBLAND, REBECCA S.: College education and moral orientations: An organized approach. *Administrative Science Quarterly*, 8(2):166-191, 1963.
- BIDWELL, CHARLES E., and VREBLAND, REBECCA S.: Authority and control in client-serving organizations. *Sociological Quarterly*, Fall:231-242, 1963.
- SCARR, H. A.: Measures of particularism. *Sociometry*, 27:413-432, 1964.
- MH-9153 (R12) EWALT, JACK R.: Sources of mental health services, rural and urban. Joint Commission on Mental Illness and Health, Boston, Mass. (1958-61)
- ROBINSON, REGINALD: Planning for the small community. In: Official proceedings of the 86th annual forum: National conference on social welfare. New York, New York University Press, 1959, p. 114-124.
- ROBINSON, REGINALD: A report on the project on community resources in mental health. *American Journal of Public Health*, 53(4):609-614, 1963.
- ROBINSON, REGINALD, DEMARCHE, DAVID F., and WAGLE, MILDRED: Community resources in mental health. New York, Basic Books, 1963, 435 p. (Also acknowledges MH-9106).
- MH-9156 (R12) STEWART, OMAR C., and JESSOR, RICHARD: Values and behavior of a tri-ethnic community. University of Colorado, Boulder, Colo. (1959-64).
- CASTELLAN, N. JOHN, JR.: On the partitioning of contingency tables. *Psychological Bulletin*, 64(5):330-338, 1965.
- CASTELLAN, N. JOHN, JR.: On the estimation of the tetrachoric correlation coefficient. *Psychometrika*, 31(1):67-73, 1966.
- JESSOR, R.: Issues in the phenomenological approach to personality. *Journal of Individual Psychology*, 17:27-38, 1961.
- JESSOR, R.: A social learning approach to culture and behavior. In: Gladwin, T., and Sturtevant, W. C., eds. *Anthropology and human behavior*. Washington, D.C., Anthropological Society of Washington, 1962, p. 94-114.
- JESSOR, R., LIVERANT, S., and OPOCHINSKY, S.: Imbalance in need structure and maladjustment. *Journal of Abnormal and Social Psychology*, 66:271-275, 1963.
- STEWART, OMAR C.: Questions regarding American Indian criminality. *Human Organization*, 23:61-66, 1964.
- MH-9158 (R12) LIPSCOMB, WENDELL R., and CISIN, IRA: Epidemiology of alcoholic beverage usage patterns. California State Department of Public Health, Berkeley, Calif. (1959-62)
- CISIN, IRA: Community studies of health behavior. *Annals of the New York Academy of Sciences*, 107:607-612, 1963.
- CISIN, IRA: Concepts and methods for the study of drinking practices. (Abstract) *Public Health Reports*, 78(2):140, 1963.
- KNUPFER, GENEVIEVE: Use of alcoholic beverages by society and its cultural implications. "Alcohol and Society." *Progress*, 3(1):8-16, 1961.
- KNUPFER, GENEVIEVE, FINK, RAYMOND, CLARK, WALTER B., and GOFFMAN, ANGELICA S.: Factors related to amount of drinking in an urban community. Berkeley, Calif., State of California Department of Public Health, 1963, 88 p. (Processed)
- KNUPFER, GENEVIEVE, and ROOM, ROBIN: Age, sex and social class as factors in amount of drinking in a metropolitan community. *Social Problems*, 12(11):224-240, 1964.
- MH-9159 (R12) KELLER, MARK: Alcoholism nomenclature and classification. North American Association of Alcoholism Programs, North Berkeley, Calif. (1953-57)

- KELLER, M.: Definition of alcoholism. *Quarterly Journal of Studies on Alcoholism*, 21:125-134, 1960.
- KELLER, M.: The definition of alcoholism and the estimation of its prevalence. In: Pittman, D. J., and Snyder, C. R., eds. *Society, culture, and drinking patterns*. New York, Wiley, 1962, p. 310-329. (Also acknowledges MH-5655).
- MH-9161 (R12) MACKLIN, MADGE T.: A symposium on cytology in human genetics. American Society of Human Genetics, New Orleans, La. (1959-60)
- ALLEN, GORDON, ed.: Symposium on cytology and cell culture genetics of man. *American Journal of Human Genetics*, 12:95-138, 1960.
- WILLIAMS, R. H., HIBBITTS, C., and DONAHUE, WILMA, eds.: Processes of aging. Vol. 1. New York, Atherton Press, 1963, 587 p.
- MH-9162 (R12) DONAHUE, WILMA: Social and psychological aspects of aging. University of Michigan, Ann Arbor, Mich. (1959-63)
- WILLIAMS, R. H., TIBBITTS, C., and DONAHUE, WILMA, eds.: Processes of aging. Vol. 2. New York, Atherton Press, 1963, 570 p.
- MH-9164 (R12) ARCHIBALD, H. DAVID: Cooperative commission on the study of alcoholism. North American Association of Alcoholism Programs, Berkeley, Calif. (1959-62) (Continued as MH-9181).
- MH-9165 (R12) HOFFER, JOE R., and WILLIAMS, RUTH M.: 1960 annual national conference on social welfare. National Conference on Social Welfare, Columbus, Ohio. (1960-61)
- CLIFTON, JAMES A.: The Southern Ute tribe as a fixed membership group. *Human Organization*, 24(4):319-327, 1965.
- FELIX, ROBERT H., and others: Mental health and social welfare. New York, Columbia University 1961, Press, 1961, 203 p.
- MH-9167 (R12) SIMMONS, OZZIE G.: Community aspects of psychiatric rehabilitation. Harvard University, Cambridge, Mass. (1960-62) (Continued as MH-9182).
- FREEMAN, HOWARD E., and SIMMONS, OZZIE G.: Treatment experiences of mental patients and their families. *American Journal of Public Health*, 51:1266-1273, 1961. (Also acknowledges MH-1627).
- FREEMAN, HOWARD E., and SIMMONS, OZZIE G.: Feelings of stigma among relatives of former mental patients. *Social Problems*, 8:314-321, 1961. (Also acknowledges MH-1627).
- FREEMAN, HOWARD E., and SIMMONS, OZZIE G.: The mental patient comes home. New York, Wiley, 1963, 309 p. (Also acknowledges MH-1627 and MH-9182).
- MH-9168 (R12) CLOWARD, RICHARD A., and OHLIN, LLOYD E.: Mobilization for youth. Columbia University, New York, N.Y. (1959-62)
- CLOWARD, RICHARD A., and JONES, JAMES A.: Social class: Educational attitudes and participation. In: Passow, A. Harry, ed. *Education in depressed areas*. New York, Teachers College Bureau of Publications, 1963, p. 190-216. Also in: Nurturing individual potential. Washington, D.C., Association for Supervision and Curriculum Development, 1964, p. 66-91.
- CLOWARD, RICHARD A., and OHLIN, LLOYD E.: Delinquency and opportunity: A theory of delinquent gangs. Glencoe, Illinois, Free Press, 1960, 220 p.
- MH-9171 (R12) CHEIN, ISIDOR: Epidemiologic vectors of delinquency and its control. New York University, New York, N.Y. (1960- )
- CHEIN, ISIDOR: Some epidemiological vectors of delinquency and its control: Outline of a project. New York, Research Center for Human Relations, New York University, September 1963, 69 p. (Processed)
- MH-9172 (R12) SHAPIRO, SAM, and FINK, RAYMOND: Patterns of medical care related to mental illness. Health Insurance Plan of Greater New York, New York, N.Y. (1961-62)
- SHAPIRO, SAM: Patterns of care related to mental illness. H.I.P. Statistical Report—1962, Health Insurance Plan of Greater New York, pp. 17-20.
- SHAPIRO, SAM, and FINK, RAYMOND: Methodological considerations in studying patterns of medical care related to mental illness. *Milbank Memorial Fund Quarterly*, 41(4):Part I:371-399, 1963.
- MH-9173 (R12) DUBLIN, LOUIS I.: Review of current work on suicide. Individual, Winter Park, Fla. (1960-64)
- DUBLIN, LOUIS I.: Suicide, a sociological and statistical study. New York, Ronald Press, 1963, 240 p.
- MH-9175 (R12) MALDONADO-SIERRA, EDUARDO D., BODARKY, CLIFFORD J., FIELD, PETER B., and TRENT, RICHARD: The competent adolescent—a cross-cultural study. Puerto Rico Institute of Psychiatry, Bayamon, P.R. (1961-64)
- FIELD, P. B., MALDONADO-SIERRA, E. D., and COELHO, G. V.: A student TAT measure of competence: A cross-cultural replication in Puerto

ROSEN, PETER. *Alcoholism: Medical Aspects*. Baltimore, 1969, 196A.

ROSEN, PETER. *Alcoholism: Medical Aspects*. Baltimore, 1969, 196A. (Continued from MHI 9162).

ROSEN, PETER. *Alcoholism: Medical Aspects*. Baltimore, 1969, 196A. (Continued from MHI 9162).

ROSEN, PETER. *Alcoholism: Medical Aspects*. Baltimore, 1969, 196A. (Continued from MHI 9162).

ROSEN, PETER. *Alcoholism: Medical Aspects*. Baltimore, 1969, 196A. (Continued from MHI 9162).

ROSEN, PETER. *Alcoholism: Medical Aspects*. Baltimore, 1969, 196A. (Continued from MHI 9162).